

PINK

ISN'T JUST A COLOUR
IT'S AN ATTITUDE





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NL LIGHT FROM LUNOO

We zijn sinds de jaren '80 verlichtingsfabrikant die zich focust op de projectmarkt. Lichtoplossingen op maat van de retail, horeca en kantoren zijn onze specialiteit.



It's all about experience

Retail en lichtbeleving

Ondanks de digitale tijd mag de kracht van een winkel niet worden onderschat. Nog meer dan ooit is beleving een belangrijke factor. Zit de beleving van je winkel goed, dan komt de klant terug, zowel naar je winkel als online.

Goed uitgekende lichtoplossingen geven de klant een goed gevoel. Het licht begeleidt de klant doorheen de winkel en vestigt de aandacht op de producten. Het juiste licht op de juiste plaats maakt van de winkel een echte belevingsruimte. Je zal het merken, mensen zullen meer en vaker bij je kopen.

Horeca en lichtbeleving

Een goede horecaondernemer heeft het in zich: beleving creëren voor de gasten. Beleving is een combinatie van verschillende indrukken, geuren en kleuren: een mooie bordpresentatie, een passend interieur, een vriendelijke welkom, ...

Verlichting kan de gewenste beleving doen vallen of staan. Met een welgekozen verlichting voelt de klant zich thuis en geniet hij van het moment. Het licht beïnvloedt de stemming, de waarneming en de beleving. Bovendien kan het licht de klanten aanzetten om langer te blijven of net sneller te vertrekken.

Kantoren en lichtbeleving

Productieve werknemers die met volle overtuiging komen werken, is de wens van elke werkgever. Het juiste licht bevordert het welzijn van de mens, stimuleert en inspireert hen. Een verbeterde productiviteit en creativiteit zijn twee gevolgen van een uitgebalanceerde verlichting.

It's made in Belgium

Wij geloven ...

- in een perfecte match tussen esthetiek en functionaliteit.
- in eenvoudige lijnen, minimalistisch maar karaktervol design.
- in licht.

Wij beloven ...

- een uitgekiend optisch en thermisch ontwerp.
- performante lichtbronnen.
- kwaliteitsvolle armaturen die beantwoorden aan de bestaande normen.

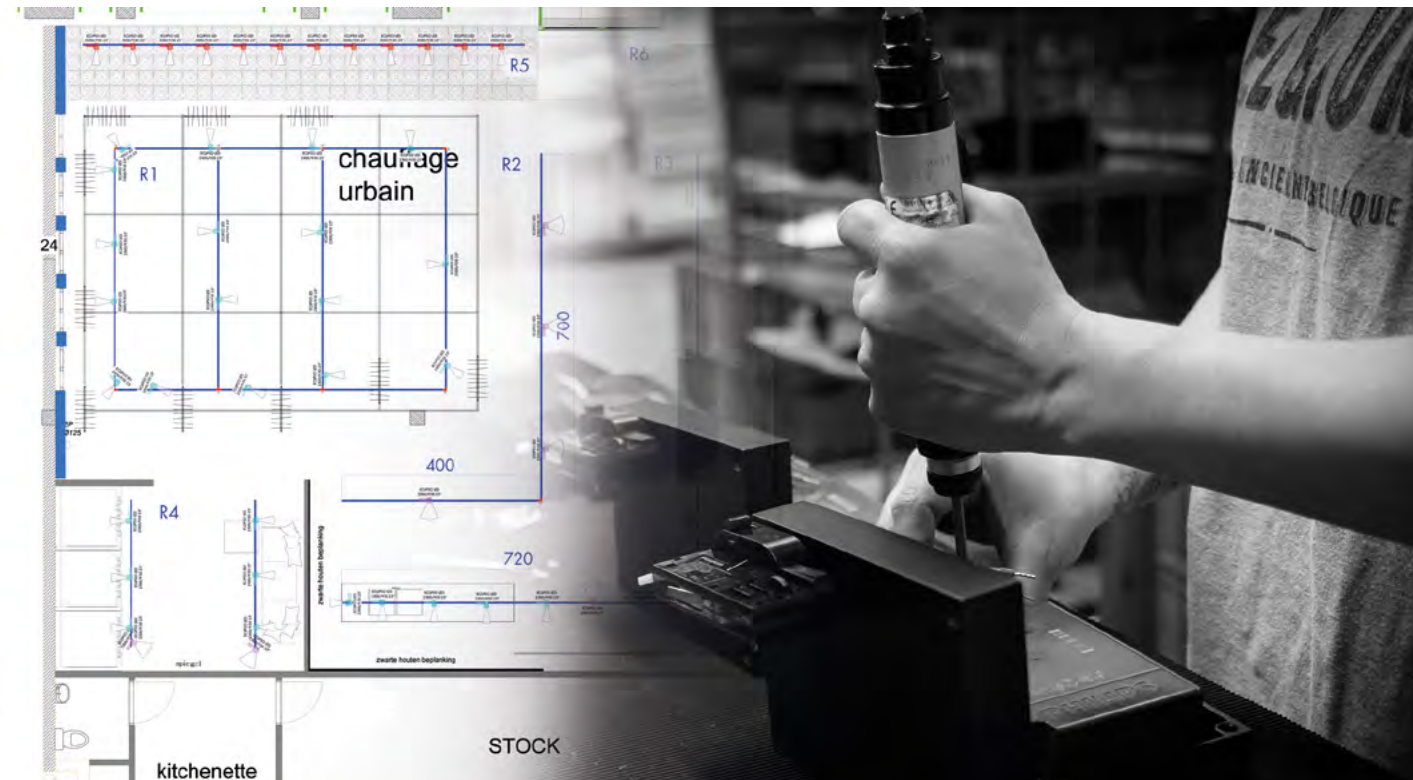
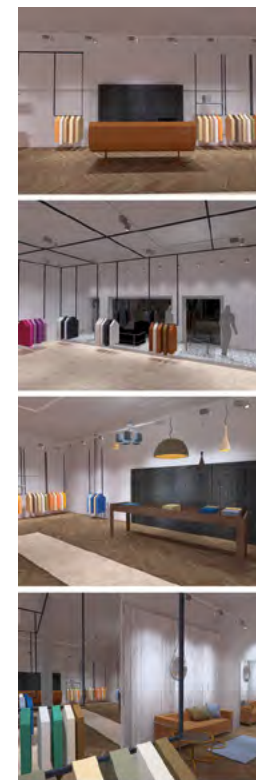
It's made for you

Wij geloven ...

- in uw project
- in duurzaamheid en energie-efficiëntie

Wij beloven ...

- mee te denken en rekening te houden met uw wensen.
- de meest energiezuinige oplossing voor te stellen.
- een verlichtingsplan op maat uit te tekenen.
- alles in het werk te stellen om uw project te realiseren.



“Ook al zijn de mensen het zich niet bewust, als licht en beleving er niet zijn, missen ze het.”

FR LIGHT FROM LUNOO

Nous sommes, depuis les années 1980, un fabricant d'éclairage axé sur le marché des projets. Des solutions d'éclairage adaptées aux secteurs de la vente au détail, de la restauration et des bureaux, telle est notre spécialité.



It's all about experience

L'éclairage dans le secteur de la vente au détail

Nous vivons dans une ère numérique, la force des magasins physiques ne doit cependant pas être sous-estimée. L'expérience est un facteur plus important que jamais. Si le client vit une expérience de qualité dans votre magasin, il reviendra dans votre enseigne, que ce soit dans vos magasins physiques ou en ligne.

Des solutions d'éclairage bien étudiées et le client se sent bien. L'éclairage accompagne le client dans le magasin et permet d'attirer son attention sur les produits. Le bon éclairage au bon endroit fait du magasin un véritable espace à vivre. Vous le remarquerez : les clients viendront acheter davantage et plus souvent chez vous.

L'éclairage dans le secteur de la restauration

Tout bon restaurateur a à cœur d'offrir une expérience unique à ses hôtes. L'expérience est une association de différentes impressions, odeurs et couleurs : une belle présentation d'assiette, un intérieur assorti, un accueil chaleureux, etc.

Un éclairage raté et c'est toute l'expérience que vous souhaitez proposer qui tombe à l'eau. Un éclairage bien choisi permet au client de se sentir comme chez lui et de profiter du moment. La lumière a un impact sur l'atmosphère, la perception et l'expérience. Elle peut également donner l'envie aux clients de s'attarder plus longtemps ou, au contraire, de partir plus vite.

L'éclairage dans le secteur des bureaux

Des employés productifs qui viennent travailler avec conviction, tel est le souhait de tout employeur. Un éclairage parfait a un impact sur le bien-être des gens, il les stimule et les inspire. Un éclairage harmonieux permet d'améliorer la productivité et la créativité.

It's made in Belgium

Nous croyons...

- en un accord parfait entre esthétique et fonctionnalité,
- en des lignes simples et en des conceptions minimalistes mais néanmoins pleines de caractère,
- en la lumière.

Nous promettons...

- en une conception optique et thermique bien étudiée,
- en des sources d'éclairage performantes,
- en des luminaires de qualité qui répondent aux normes existantes.

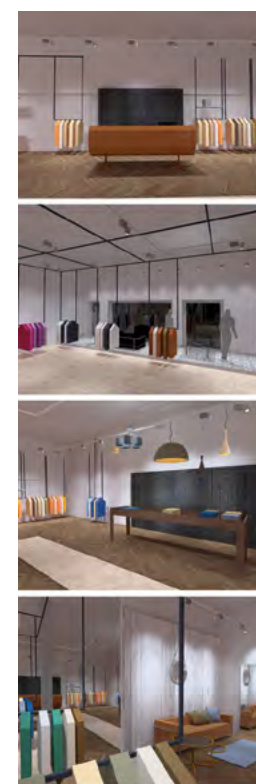
It's made for you

Nous croyons...

- en votre projet,
- en la durabilité et en l'efficacité énergétique.

Nous croyons...

- au fait de réfléchir avec vous et de prendre en compte vos souhaits,
- au fait de vous proposer la solution la plus économe en énergie,
- au fait de créer un plan d'éclairage sur mesure pour vous,
- au fait de tout mettre en œuvre pour faire de votre projet une réalité.



“Les gens n'ont pas conscience de l'éclairage et de l'expérience qui leur est offerte, ces éléments leur manquent néanmoins s'ils sont absents.”

DE LICHT VON LUNOO

Als Hersteller von Beleuchtungslösungen konzentrieren wir uns seit den 80er-Jahren auf den Projektmarkt. Lichtkonzepte nach Maß für Einzelhandel, Gastronomie und Büro sind unsere Spezialität.



Es dreht sich alles um das Erlebnis

Lichterlebnis im Einzelhandel

Auch im Zeitalter der Digitalisierung darf man den Zauber eines Ladens nicht unterschätzen. Mehr denn je ist das Einkaufserlebnis ein entscheidender Faktor. Ein Kunde, der Ihren Laden mit einer positiven Erfahrung verlässt, kommt wieder – und besucht auch Ihren Online-Shop.

Ausgeklügelte Beleuchtungslösungen sorgen dafür, dass sich die Kunden wohlfühlen. Das Licht begleitet sie durch den Laden und lenkt dabei die Aufmerksamkeit auf die Produkte. Das richtige Licht an der richtigen Stelle macht jeden Laden zu einem echten Erlebnis. Schon bald werden Sie feststellen, dass die Menschen nicht nur häufiger, sondern auch mehr bei Ihnen einkaufen.

Lichterlebnis in der Gastronomie

Ein guter Gastronom weiß, wie er seinen Gästen ein unvergessliches Erlebnis beschert. Es ist eine Komposition aus verschiedenen Eindrücken, Gerüchen und Farben: ein ansprechend angerichteter Teller, ein passendes Interieur, eine herzliche Begrüßung usw.

Mit der richtigen Beleuchtung lässt sich dieses Erlebnis zusätzlich verstärken. Eine gut gewählte Beleuchtung sorgt dafür, dass sich der Gast wohlfühlt und jeden Moment seines Aufenthalts genießt. Das Licht beeinflusst die Stimmung, die Wahrnehmung und das Erleben. Außerdem kann es die Kunden veranlassen, länger zu bleiben oder aber das Lokal schneller zu verlassen.

Lichterlebnis im Büro

Jeder Arbeitgeber wünscht sich produktive Mitarbeiter, denen ihre Arbeit wichtig ist und Freude macht. Das richtige Licht fördert ihr Wohlbefinden, stimuliert und inspiriert sie. Eine ausgewogene Beleuchtung fördert Produktivität und Kreativität.

“Auch wenn es den Menschen nicht bewusst ist, sie würden das Licht und das Erlebnis, das es schafft, vermissen.”

Made in Belgium

Wir glauben an ...

- die perfekte Kombination aus Ästhetik und Funktionalität.
- klare Linien und ein minimalistisches Design mit Charakter.
- Licht.

Unser Versprechen:

- ein gut durchdachtes optisches und thermisches Konzept.
- leistungsstarke Lichtquellen.
- hochwertige Armaturen, die den geltenden Normen entsprechen.

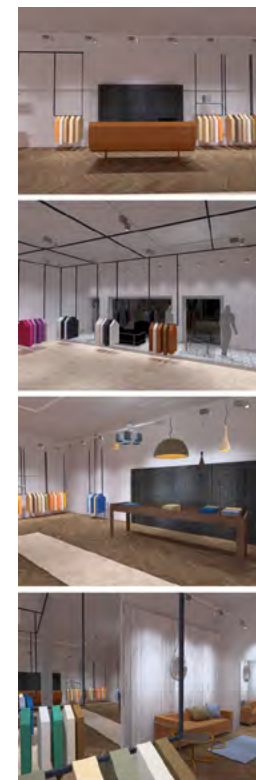
Für Sie gemacht

Wir glauben an ...

- Ihr Projekt.
- Langlebigkeit und Energieeffizienz.

Unser Versprechen:

- Wir denken mit und berücksichtigen Ihre Wünsche.
- Wir schlagen Ihnen die energiesparendste Lösung vor.
- Wir arbeiten einen Beleuchtungsplan nach Maß für Sie aus.
- Wir lassen nichts unversucht, um Ihr Projekt zu realisieren.



EN LIGHT FROM LUNOO

We are the lighting manufacturer that has focused on the project market since the 1980s. Light solutions tailored for retail, hotel and catering and offices are our speciality.



It's all about experience

Retail and light experience

Despite the digital age, the power of a shop should not be underestimated. Even more than ever, experience is an important factor. If the experience in your shop is good, the customer will come back, to both your shop and online.

Good, ingenious light solutions give the customer a good feeling. The light guides the customer through the shop and draws attention to the products. The right light in the right place turns the shop into a true experience space. You will notice it, more people will buy and more often from you.

Hotel and catering and light experience

A good catering establishment proprietor has it: creating an experience for guests. Experience is a combination of different impressions, smells and colours: a pleasing dish presentation, a matching interior, a friendly welcome ...

Lighting can make or break the desired experience. With well-chosen lighting the customer feels at home and enjoys the occasion. Light influences mood, the senses and the experience. Moreover, the light can encourage the customer to stay longer, or even to leave quicker.

Offices and light experience

Productive employees who come to work with total commitment are the dream of every employer. The right light promotes the well-being of people, it stimulates and inspires them. Increased productivity and creativity are two consequences of balanced lighting.

“Even though people aren't aware of it, if the light and experience aren't there, they miss it.”

It's made in Belgium

We believe ...

- in a perfect match between aesthetics and functionality.
- in simple lines, design that is minimalistic but full of character.
- in light.

We promise ...

- an ingenious optical and thermal design.
- high performance light sources.
- high quality fittings that comply with the current standards.

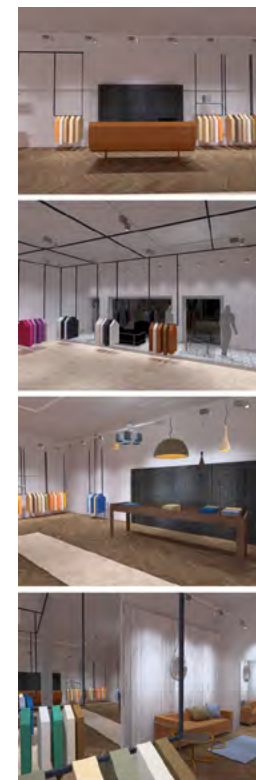
It's made for you

We believe ...

- in your project
- in sustainability and energy efficiency

We promise ...

- to work closely with you and take your wishes into account.
- to propose the most energy-efficient solution.
- to develop a tailored lighting plan.
- to do everything to complete your project.



HOW TO READ THIS CATALOGUE

3

MOUNTING

OPTIONS

APOLLO

1

2

APOLLO LED

<3000 lm: H=131 mm
>3000 lm: H=164 mm

LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1500 lm	16,8W	-	MEAT	19,2W	A	
1500 lm	18,5W	-	GOLD	20,9W	A	
2000 lm	16,8W	92	2700K	19,1W	A+	DAII
	17,1W		3000K	19,4W		
	17,1W		4000K	19,4W		
2000 lm	16,6W	92	CW	18,9W	A	DAII
2100 lm	26,0W	-	MEAT	30,3W	A	
2100 lm	30,2W	-	GOLD	34,5W	A	

ACCESSORIES / OPTIONS

1 Picture and 3D-drawing **2** Technical features, light source dependent **3** Technical features, light source independent

Fixation		
Inbouwarmatuur voor plafond Luminaire encastrée pour plafond Recessed for ceiling Deckeneinbau	Opbouwarmatuur voor plafond Montage au plafond Mounted on ceiling Deckenaufbau	Opbouw wandarmatuur Montage au mur Mounted on wall Wandaufbau
Ingebouwde wandarmatuur Luminaire encastrée pour le mur Recessed for wall Wandeinbau	Pendelarmatuur Suspended Pendant lamp Pendelleuchte	Armatuur voor 3-fase rail Luminaire pour rail 3 phases Fixture for 3-phase track Stromschienenmontage
Onderdeel B-track Partie de B-Track B-Track part B-Track Komponente		
Light source and fitting		
Chip-on-board	LED Strip	Led Line
Led Panel	fitting E27	Fitting G12
Fitting G5		

Power supply		
Elektronische ballast inbegrepen Ballast électronique inclus Electronic Gear included Elektronisches Vorschaltgerät inbegriffen	Leddriver inbegrepen Led convertisseur inclus Led driver included Led Treiber inbegriffen	Aan te sluiten op 230V/50Hz netspanning A connecter sur tension 230V/50Hz Connection to 230V/50Hz mains Anschluss an 230V/50Hz Netzspannung
Leddriver niet inbegrepen Led convertisseur pas inclus Driver not included, Led Treiber nicht inbegriffen		
Electrical class		
Elektrische klasse 1 Classe d'isolation électrique 1 Electrical class 1 Schutzklasse 1	Elektrische klasse 2 Classe d'isolation électrique 2 Electrical class 2 Schutzklasse 2	Elektrische klasse 3 Classe d'isolation électrique 3 Electrical class 3 Schutzklasse 3
Extra lage veiligheidsspanning Tension extra-basse de sécurité Safety extra low voltage Sicherheits-Kleinspannung		
Weight		
Gewicht in kg Poids en kg Weight in kg Gewicht in kg		
Reflectors		
Beschikbare gradenbundels zilverreflector Faisceaux disponibles de réflecteur argenté Available Radiation angles silver coated reflector Div. Ausstrahlwinkel Silberreflektor	Beschikbare gradenbundels goudreflector Faisceaux disponibles de réflecteur doré Available radiation angles gold coated reflector Div. Ausstrahlwinkel Goldreflektor	Beschikbare gradenbundels lenzen Faisceaux disponibles de lentilles Available radiation angles lenses Div. Ausstrahlwinkel für Linsen
Distance to the lighted object		
Min. afstand tot verlicht object in meter Distance minimum par rapport à un objet en mètres Min. distance to the lighted object in meter Mindestabstand zum beleuchtenden Objekt in Meter		
Glass protection		
Transparant veiligheidsglas Verre de sécurité transparent Clear safety glass Transparentes Schutzglas	Plexiglas Verre en plexi Plexi glass Plexi Glas	
Filters		
Vleesfilter Filtre viande Meat filter Fleisch-Filter	UV-filter Filtre UV UV filter UV-Filter	
Guarantee of the fixture		
De garantie wordt uitgedrukt in jaren met een limiet tot een aantal branduren. ...Y is het aantal jaar. ...khr zijn de branduren uitgedrukt in kilowattuur. 1 khr = 1000 uur	La garantie est exprimée en années avec un nombre d'heures de fonctionnement limitées. ... Y est le nombre d'année ...khr sont les heures exprimées en kilowatt heure 1 khr = 1000 heures	The guarantee is expressed in years with a limit to the amount of operating hours. ...Y are the number of years. ...khr are the operating hours expressed in kilowatt hours. 1 khr = 1000 hours
		Die Garantie ist in Jahren angegeben mit einer maximalen Laufzeit in Stunden. ... Y die Anzahl von Jahren. Khr ... die Brenndauer wird in Kilowattstunden angegeben. 1 khr = 1000 Stunden

Products picture overview

TRACK LIGHTING



ONIS TRIM
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ONIS BAR
34



IZARO
36



VARO FLOW
37



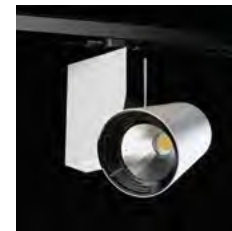
ECLIPSO
37



CALLISTO MINI
40



CALLISTO
40



SPY-ON
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TORBIO
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TORBIO THEATRE
43



CUVIO
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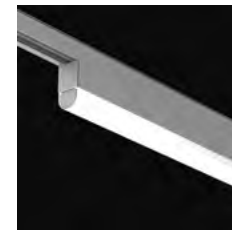
CUVIO THEATRE
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TWISTER
47



POLARIS RAY
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TALGO
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TALGO BAP
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3-PHASE TRACK STANDARD
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3-PHASE TRACK DALI
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RECESSED



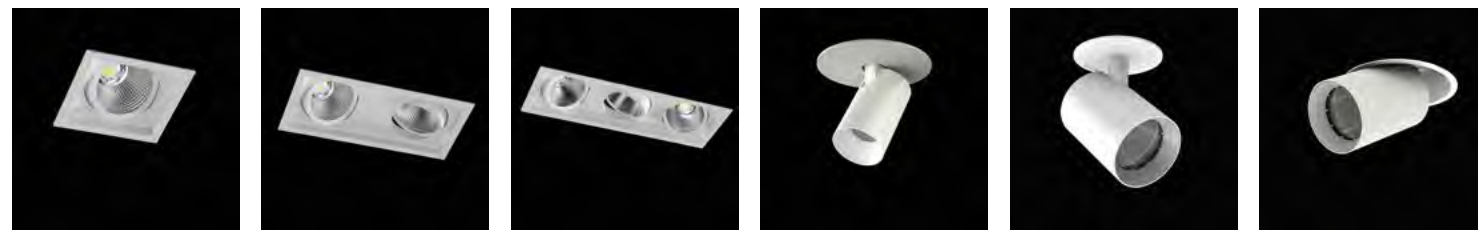
RIO 58 RIO SQUARE 58 ONA 60 ONA FLEX 60 MIRO 59 MIRO FLEX 59



NORA 62 ONIS DISC 62 ORION 63 ORION FLEX 63 ORION DEEP 63 ORION II FLEX FLAT 63



ORION II FLEX 63 NOVA 66 NOVA FLEX 66 NOVA DEEP 66 NOVA II FLEX FLAT 66 NOVA II FLEX 66



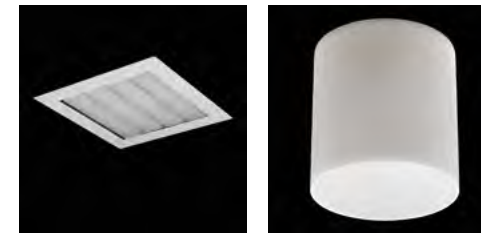
DION FLEX 67 DION II FLEX 67 DION III FLEX 70 VISTA DISC 71 VARO FLOW DISC 74 VARO FLOW IN 74



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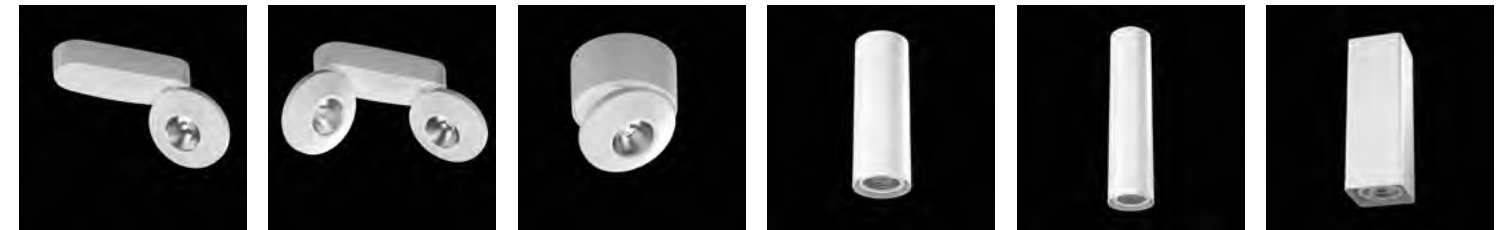


SCOOP 82 SCOOP SQUARE 83 CARERO 84 POLARIS 89 MODITO 89 POLLUX 89



LATERNA 92 RONDO UP 92

MOUNTED



ONIS BOARD 96 ONIS TWIN 96 ONIS SPLIT 96 TUBE UP 300 98 TUBE UP 450 98 QUBE UP 300 99



QUBE UP 450 99 WAVE 550 102 WAVE 750 102 PLANET UP 102 MODITO UP 106 POLLUX UP 106



TALGO UP 106 TALGO UP BAP 106 TRILADA 110 ONDA 111 CUBIX 111 ZQUADRA 111



ZQUADRA UP-DOWN 111 EROS 170 UP 112 NUDE UP 112 RONDO JR. FLOAT 113 RONDO FLOAT 113 LATERNA UP 116



SOLAR UP 117 SOLAR II UP 117 PRIMA 120 PRIMA III 121

SUSPENDED



IZARO AIR 126 DOME MINI 126 DOME 126 GLOBO 200 127 GLOBO 350 127 CORNO 300 127



CORNO 460 127 VASO 440 LINEA 129 VASO 600 LINEA 129 TUBE AIR 300 132 TUBE AIR 450 133 QUBE AIR 300 136



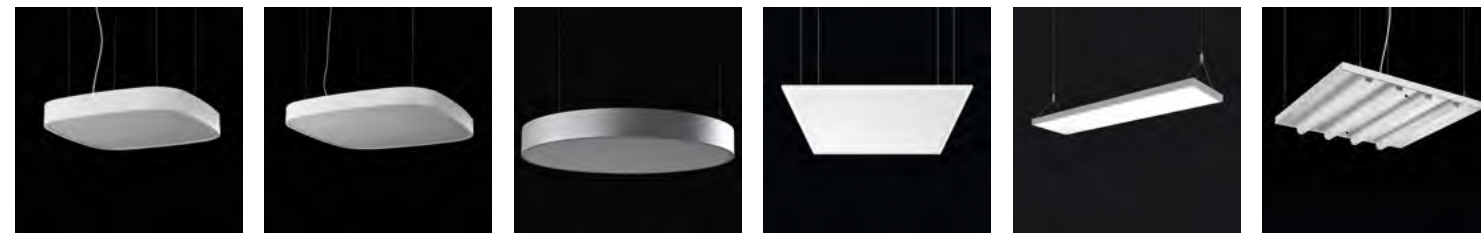
QUBE AIR 450 137 BALOON 138 FACTORY 138 WORKER 138 ARCO 350 142 ARCO 700 142



CORNETTA 142 BOZZO 220 142 BOZZO 320 143 BOZZO PLUS 200 143 BOZZO PLUS 300 143 ABION 143



LUSTRO custom made lampshade 144 SWING 154 MOON BALL 250 160 MOON BALL 300 160 MOON BALL 350 160 FUSCHIO MINI 160



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PROFILES



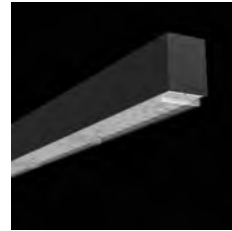
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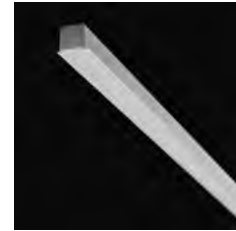
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MODULAR SYSTEMS

REFLEX



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ME-E VULCANO 3
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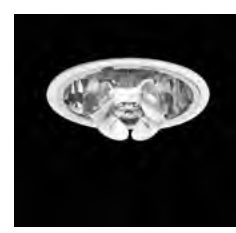
ME-E VULCANO 4
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SATE'LITE ME-E VULCANO 3
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SATE'LITE ME-E VULCANO 4
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ME-E PIRAMIDO 4
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Visit our experience showroom

Realisations picture overview

FASHION



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100



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301

SHOWROOM VEHICLES



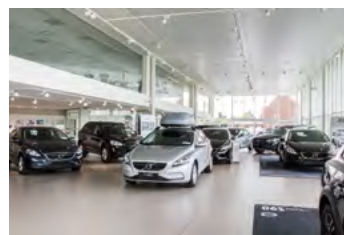
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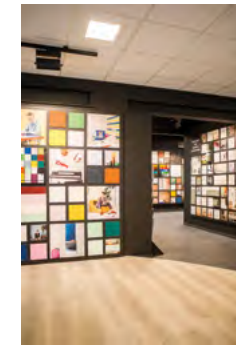


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HOMEWARE, ELECTRO AND GARDEN



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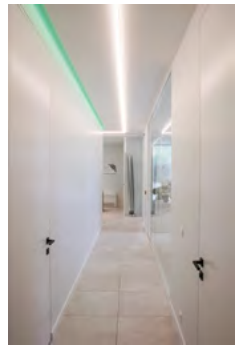
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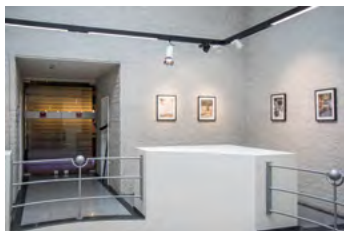
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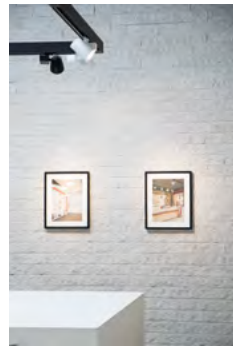
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EATING AND DRINKING ESTABLISHMENTS



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Visit our experience showroom



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MOUNTING



OPTIONS



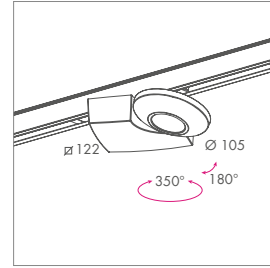
ADAPTORS

- fix E4
- fix E5

ONIS TRIM



ONIS TRIM LED



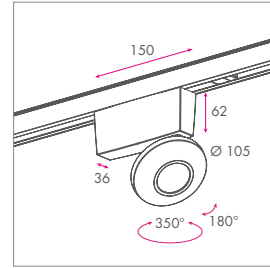
DRIVER 230V ind. IP20 0.6 SR 20°-40° 9016 TEX 9006 TEX 9005 TEX PLEXI 5Y 20khr

LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
400 lm	3,4W 3,4W	90	2700K 3000K	5,0W 5,0W	A+ A+	DALI/1-10V
600 lm	4,4W 4,4W	90	2700K 3000K	6,0W 6,0W	A+ A+	DALI/1-10V
800 lm	6,5W 6,5W	90	2700K 3000K	8,1W 8,1W	A+ A+	DALI/1-10V
1000 lm	8,7W 8,7W	90	2700K 3000K	10,5W 10,5W	A+ A+	DALI/1-10V

ONIS BAR



ONIS BAR LED



DRIVER 230V ind. IP20 0.5 SR 20°-40° 9016 TEX 9006 TEX 9005 TEX PLEXI 5Y 20khr

LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
400 lm	3,4W 3,4W	90	2700K 3000K	5,0W 5,0W	A+ A+	DALI/1-10V
600 lm	4,4W 4,4W	90	2700K 3000K	6,0W 6,0W	A+ A+	DALI/1-10V
800 lm	6,5W 6,5W	90	2700K 3000K	8,1W 8,1W	A+ A+	DALI/1-10V
1000 lm	8,7W 8,7W	90	2700K 3000K	10,5W 10,5W	A+ A+	DALI/1-10V

MOUNTING



OPTIONS



ADAPTORS

- fix E4
- fix E5



MOUNTING



IZARO AIR

OPTIONS



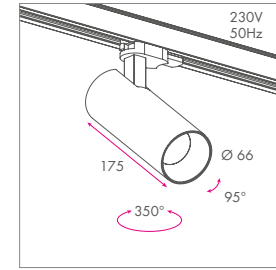
ADAPTORS

- fix E4
- fix E5

IZARO



IZARO LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
500 lm	3,6W 3,6W	90	2700K 3000K	5,1W 5,1W	A+ A+	
1000 lm	9,0W 9,0W	90	2700K 3000K	11,4W 11,4W	A+ A+	
1500 lm	13,4W 13,4W	90	2700K 3000K	15,0W 15,0W	A+ A+	IE-TE

REMARKS

- 4000K on request

MOUNTING



OPTIONS



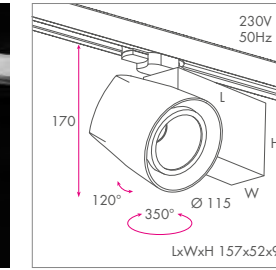
ADAPTORS

- fix A
- fix B
- fix E4
- fix U
- fix V

ECLIPSO



ECLIPSO LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1500 lm	16,8W	-	MEAT	19,2W	A	DAI
1500 lm	18,5W	-	GOLD	20,9W	A	DAI
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+	DAI
2000 lm	16,6W	92	CW	18,9W	A	DAI
2100 lm	26,0W	-	MEAT	30,3W	A	DAI
2100 lm	30,2W	-	GOLD	34,5W	A	DAI
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+	DAI
2800 lm	37,8W	-	MEAT	42,5W	A	
2800 lm	44,8W	-	GOLD	49,5W	A	
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DAI
3000 lm	29,1W	92	CW	33,7W	A	DAI
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DAI
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+	DAI
4000 lm	42,4W	92	CW	46,4W	A	
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+	DAI

MOUNTING



VARO FLOW IN



VARO FLOW DISC

OPTIONS



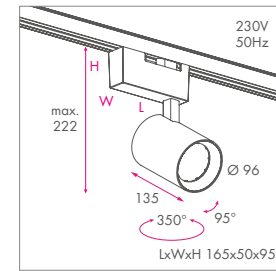
ADAPTORS

- fix E4
- fix E5

VARO FLOW



VARO FLOW LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1500 lm	16,8W	-	MEAT	19,2W	A	DAI
1500 lm	18,5W	-	GOLD	20,9W	A	DAI
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+	DAI
2000 lm	16,6W	92	CW	18,9W	A	DAI
2100 lm	26,0W	-	MEAT	30,3W	A	DAI
2100 lm	30,2W	-	GOLD	34,5W	A	DAI
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+	DAI
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DAI
3000 lm	29,1W	92	CW	33,7W	A	DAI
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DAI
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+	DAI
4000 lm	42,4W	92	CW	46,4W	A	
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+	DAI



MOUNTING



OPTIONS



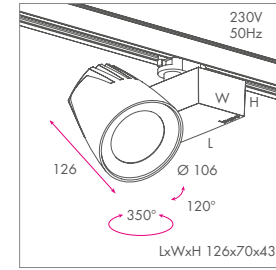
ADAPTORS

- fix E4

CALLISTO MINI



CALLISTO MINI LED



DRIVER 230V ind.
 IP20
 SR 1.7
 SR 15°-25° 40°-55°
 GR 40°
 9016 TEX 9006 TEX 9005 TEX
 PLEXI
 5Y 20khr *garantie*

LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1500 lm	16,8W	-	MEAT	19,2W	A	DALI
1500 lm	18,5W	-	GOLD	20,9W	A	DALI
2000 lm	16,8W	92	2700K	19,1W	A+	DALI
	17,1W	92	3000K	19,4W	A+	
	17,1W	92	4000K	19,4W	A+	
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W	92	2700K	23,1W	A+	DALI
	20,1W	92	3000K	23,3W	A+	
	20,9W	92	4000K	23,1W	A+	
3000 lm	24,9W	92	2700K	29,0W	A+	DALI
	23,7W	92	3000K	27,3W	A+	
	24,8W	92	4000K	28,4W	A+	

MOUNTING



OPTIONS



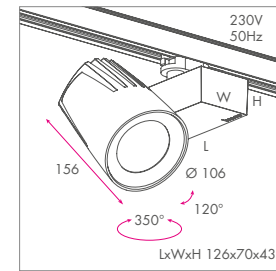
ADAPTORS

- fix E4

CALLISTO



CALLISTO LED



DRIVER 230V ind.
 IP20
 SR 2.7
 SR 15°-25° 40°-55°
 GR 40°
 9016 TEX 9006 TEX 9005 TEX
 PLEXI
 5Y 20khr *garantie*

LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1500 lm	16,8W	-	MEAT	19,2W	A	DALI
1500 lm	18,5W	-	GOLD	20,9W	A	DALI
2000 lm	16,8W	92	2700K	19,1W	A+	DALI
	17,1W	92	3000K	19,4W	A+	
	17,1W	92	4000K	19,4W	A+	
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W	92	2700K	23,1W	A+	DALI
	20,1W	92	3000K	23,3W	A+	
	20,9W	92	4000K	23,1W	A+	
2800 lm	37,8W	-	MEAT	42,5W	A	
2800 lm	44,8W	-	GOLD	49,5W	A	
3000 lm	24,9W	92	2700K	29,0W	A+	DALI
	23,7W	92	3000K	27,3W	A+	
	24,8W	92	4000K	28,4W	A+	
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W	92	2700K	33,1W	A+	DALI
	29,3W	92	3000K	33,5W	A+	
	24,8W	92	4000K	28,9W	A+	
4000 lm	34,0W	92	2700K	37,7W	A+	
	32,0W	92	3000K	37,1W	A+	
	28,4W	92	4000K	33,0W	A+	
4000 lm	42,4W	92	CW	46,4W	A	
4500 lm	39,6W	92	2700K	43,8W	A+	
	35,7W	92	3000K	39,6W	A+	
	33,9W	92	4000K	39,1W	A+	
5000 lm	45,3W	92	2700K	50,0W	A+	
	41,3W	92	3000K	45,3W	A+	
	39,4W	92	4000K	43,6W	A+	



Fynch Hatton/ DE - Monchenglätbach

MOUNTING



OPTIONS



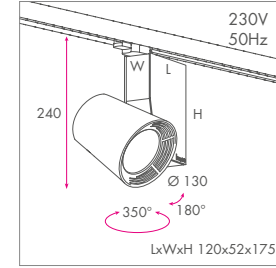
ADAPTORS

- fix A
- fix B
- fix E4
- fix U
- fix V

SPY-ON



SPY-ON LED



DRIVER 230V incl. **IP20** **SR** 30°-45° **GR** 30° **COMBI** 9016 TEX 9005 TEX **5Y** 20khr **guarantee**

LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1500 lm	16,8W	-	MEAT	19,2W	A	DALI
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+	DALI
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+	DALI
2800 lm	44,8W	-	GOLD	49,5W	A	DALI
2800 lm	37,8W	-	MEAT	42,5W	A	DALI
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DALI
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DALI
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+	DALI
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+	DALI

ACCESSORIES / OPTIONS



MOUNTING



OPTIONS



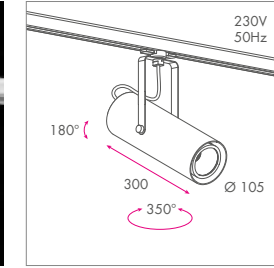
ADAPTORS

- fix A
- fix B
- fix E
- fix U
- fix V

TORBIO



TORBIO LED



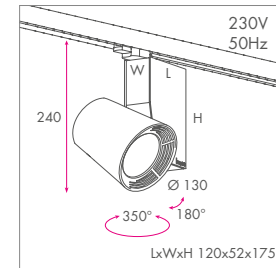
DRIVER 230V incl. **IP20** **SR** 15°-25° 40°-55° **GR** 40° **COMBI** 9016 TEX 9006 TEX 9005 TEX **5Y** 20khr **guarantee**

LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1000 lm	7,3W 7,5W 7,5W	92	2700K 3000K 4000K	9,3W 9,5W 9,5W	A+ A+ A+	DALI
1000 lm	8,1W	92	CW	10,1W	A	DALI
1500 lm	11,5W 11,6W 11,6W	92	2700K 3000K 4000K	13,7W 13,8W 13,8W	A+ A+ A+	DALI
1500 lm	16,8W	-	MEAT	19,2W	A	DALI
1500 lm	18,5W	-	GOLD	20,9W	A	DALI
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+	DALI
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+	DALI
2800 lm	37,8W	-	MEAT	42,5W	A	DALI
2800 lm	44,8W	-	GOLD	49,5W	A	DALI
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DALI
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DALI
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+	DALI
4000 lm	42,4W	92	CW	46,4W	A	DALI
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+	DALI

SPY-ON



SPY-ON HIT-TC



GEAR EV6 incl. **IP20** **SR** 25°-55° **GR** 55° **COMBI** 9016 TEX 9005 TEX **5Y** 20khr **guarantee**

LAMP POWER	LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL
35W ELL	4000 lm 3800 lm	90	3000K 4200K	42W	A+ A+
35W EVO	4300 lm	90	3000K	42W	A+
50W ELL	5400 lm 5000 lm	90	3000K 4200K	55W	A+ A+
50W EVO	5700 lm	90	3000K	55W	A+
70W ELL	7800 lm 7500 lm	90	3000K 4200K	80W	A+ A+
70W EVO	8800 lm	90	3000K	80W	A+

MOUNTING



OPTIONS



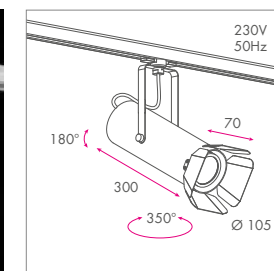
ADAPTORS

- fix A
- fix B
- fix E
- fix U
- fix V

TORBIO THEATRE



TORBIO THEATRE LED



DRIVER 230V incl. **IP20** **SR** 15°-25° 40°-55° **GR** 40° **COMBI** 9016 TEX 9006 TEX 9005 TEX **5Y** 20khr **guarantee**

LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1000 lm	8,1W	92	CW	10,1W	A	DALI
1500 lm	16,8W	-	MEAT	19,2W	A	DALI
1500 lm	18,5W	-	GOLD	20,9W	A	DALI
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+	DALI
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+	DALI
2800 lm	37,8W	-	MEAT	42,5W	A	DALI
2800 lm	44,8W	-	GOLD	49,5W	A	DALI
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DALI
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DALI
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+	DALI
4000 lm	42,4W	92	CW	46,4W	A	DALI
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+	DALI



MOUNTING



QUBE UP



QUBE AIR

OPTIONS



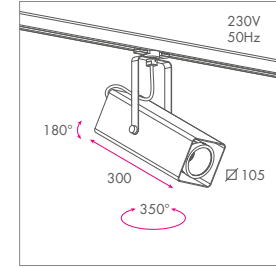
ADAPTORS

- fix A
- fix B
- fix E
- fix U
- fix V

CUVIO



CUVIO LED

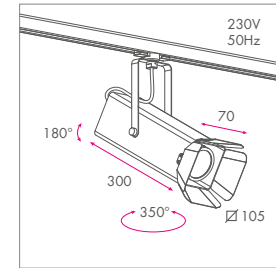


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1000 lm	7,3W 7,5W 7,5W	92	2700K 3000K 4000K	9,3W 9,5W 9,5W	A+ A+ A+	DALI
1000 lm	8,1W	92	CW	10,1W	A	DALI
1500 lm	11,5W 11,6W 11,6W	92	2700K 3000K 4000K	13,7W 13,8W 13,8W	A+ A+ A+	DALI
1500 lm	16,8W	-	MEAT	19,2W	A	DALI
1500 lm	18,5W	-	GOLD	20,9W	A	DALI
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+	DALI
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+	DALI
2800 lm	37,8W	-	MEAT	42,5W	A	DALI
2800 lm	44,8W	-	GOLD	49,5W	A	DALI
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DALI
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DALI
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+	DALI
4000 lm	42,4W	92	CW	46,4W	A	DALI
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+	DALI

CUVIO THEATRE



CUVIO THEATRE LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1000 lm	8,1W	92	CW	10,1W	A	DALI
1500 lm	16,8W	-	MEAT	19,2W	A	DALI
1500 lm	18,5W	-	GOLD	20,9W	A	DALI
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+	DALI
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+	DALI
2800 lm	37,8W	-	MEAT	42,5W	A	DALI
2800 lm	44,8W	-	GOLD	49,5W	A	DALI
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DALI
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DALI
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+	DALI
4000 lm	42,4W	92	CW	46,4W	A	DALI
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+	DALI

MOUNTING



QUBE UP



QUBE AIR

OPTIONS



ADAPTORS

- fix A
- fix B
- fix E
- fix U
- fix V

MOUNTING



OPTIONS



ADAPTORS

- fix A
- fix B
- fix E4
- fix U
- fix V

MOUNTING



POLARIS

OPTIONS



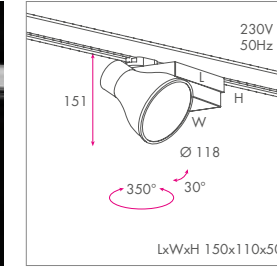
ADAPTORS

- fix E4

TWISTER



TWISTER HIT

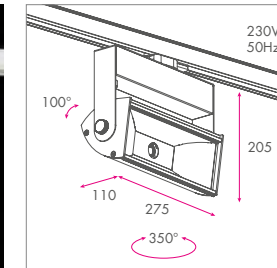


LAMP POWER	LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL
35W EU	4000 lm 3800 lm	90	3000K 4200K	42W	A+ A+
35W EVO	4300 lm	90	3000K	42W	A+
50W EU	5400 lm 5000 lm	90	3000K 4200K	55W	A+ A+
50W EVO	5700 lm	90	3000K	55W	A+
70W EU	7800 lm 7500 lm	90	3000K 4200K	80W	A+ A+
70W EVO	8800 lm	90	3000K	80W	A+

POLARIS RAY



POLARIS RAY LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1500 lm	16,8W	-	MEAT	19,2W	A	DALI
1500 lm	18,5W	-	GOLD	20,9W	A	DALI
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+	DALI
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+	DALI
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DALI
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DALI
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+	DALI
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+	DALI



MOUNTING



OPTIONS



ADAPTORS

- fix TAS

MOUNTING



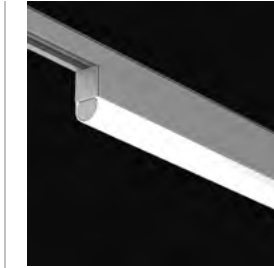
OPTIONS



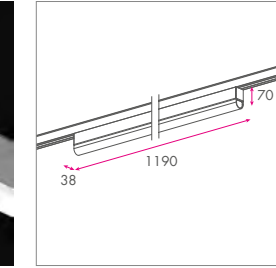
ADAPTORS

- fix TAS

TALGO



TALGO 2x LED

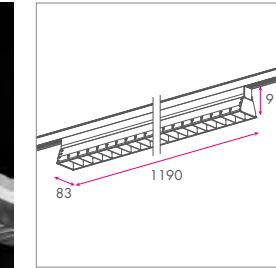


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2x 1250 lm	13,0W 13,0W	80	3000K 4000K	15,6W 15,6W	A++ A++	DAI
2x 2200 lm	24,8W 24,8W	80	3000K 4000K	28,4W 28,4W	A++ A++	DAI
2x 3000 lm	34,8W 34,8W	80	3000K 4000K	39,2W 39,2W	A++ A++	DAI

TALGO BAP



TALGO BAP 2x LED



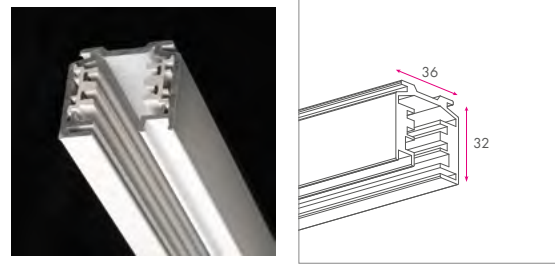
LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2x 1250 lm	13,0W 13,0W	80	3000K 4000K	15,6W 15,6W	A++ A++	DAI
2x 2200 lm	24,8W 24,8W	80	3000K 4000K	28,4W 28,4W	A++ A++	DAI
2x 3000 lm	34,8W 34,8W	80	3000K 4000K	39,2W 39,2W	A++ A++	DAI



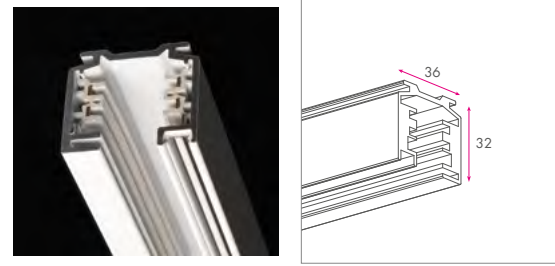
Kapsalon Sioen / BE - Rekkem / 90°

3-PHASE TRACK

3-PHASE TRACK STANDARD



3-PHASE TRACK DALI

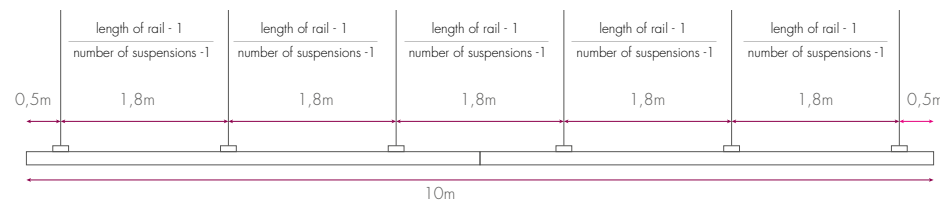


NUMBER OF SUSPENSIONS

$$= (\text{total length of rail} - 1) / 2 + 1 \text{ Rounded up}$$

- Always a minimum of 2 suspensions
- Outer suspension on 0,5 m from ends

Example: length of rail: 4 m + 4 m + 2 m = 10 m
 > Number of suspensions = $(10 \text{ m} - 1 \text{ m}) / 2 + 1$
 = 5,5
 = 6 suspensions (rounded up)



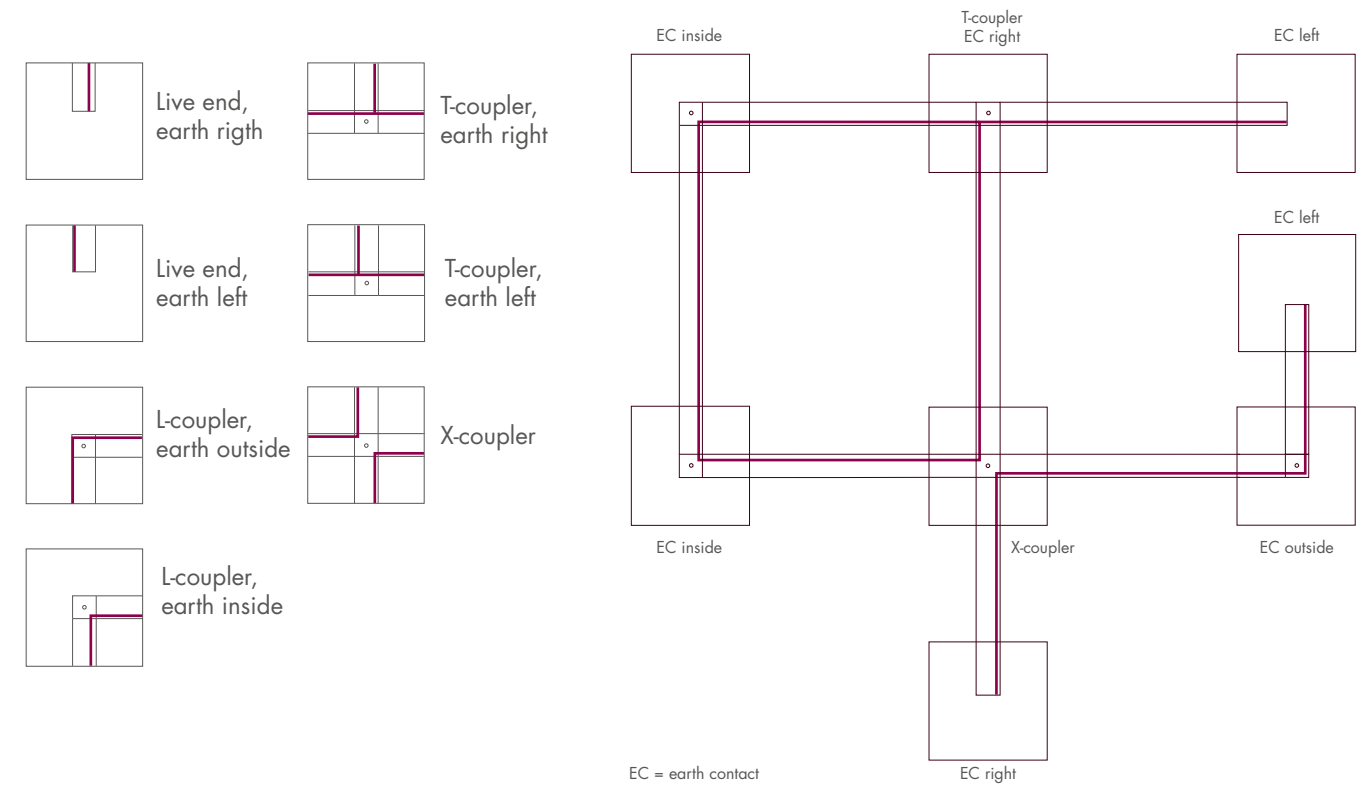
MAXIMUM LOAD

On average 10 kg/m

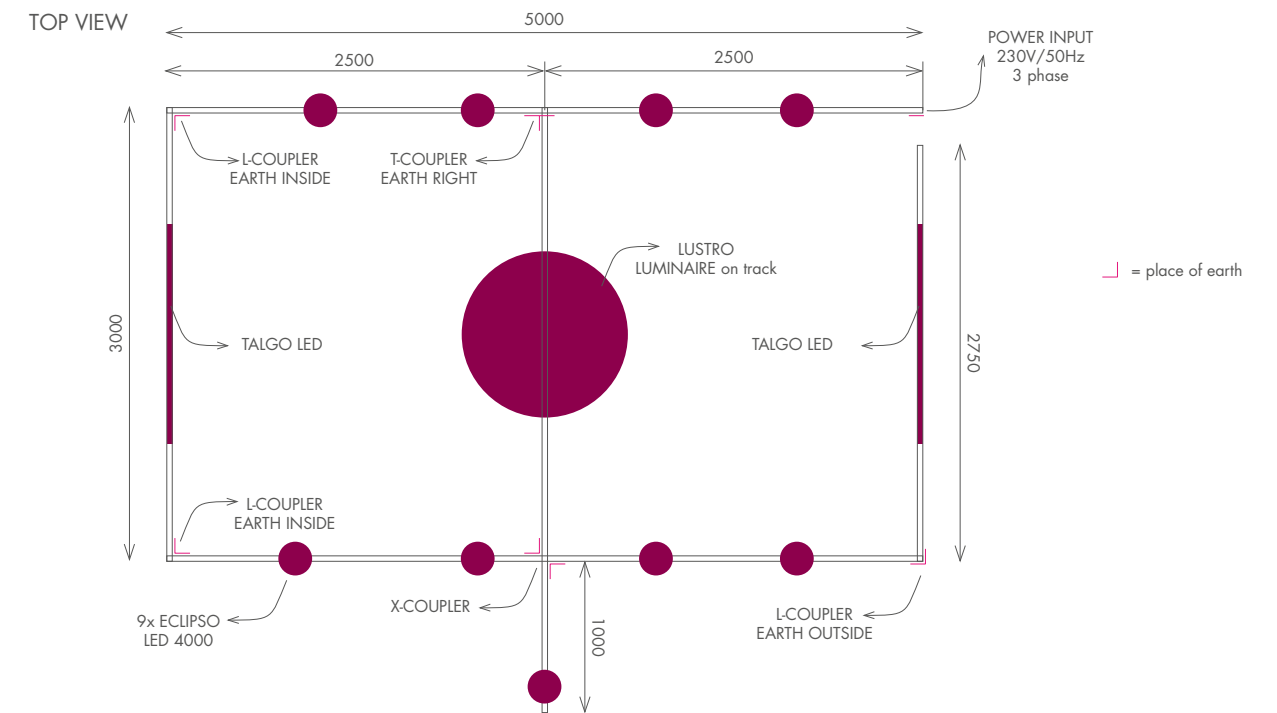
Calculation on request when higher weight is needed.

PLANNING AID

Track layout seen from above. The opening of the track shows downwards.



EXAMPLE







Recessed

RIO	58	VISTA DISC	71
RIO SQUARE	58	VARO FLOW DISC	74
ONA	60	VARO FLOW IN	74
ONA FLEX	60	APOLLO	75
MIRO	59	EROS 170	77
MIRO FLEX	59	EROS 215	77
NORA	62	LOTUS	78
ONIS DISC	62	LOTUS SQUARE	79
ORION	63	CERES	82
ORION FLEX	63	SCOOP	82
ORION DEEP	63	SCOOP SQUARE	83
ORION II FLEX FLAT	63	CARERO	84
ORION II FLEX	63	POLARIS	89
NOVA	66	MODITO	89
NOVA FLEX	66	POLLUX	89
NOVA DEEP	66	LATERNA	92
NOVA II FLEX FLAT	66	RONDO UP	92
NOVA II FLEX	66		
DION FLEX	67		
DION II FLEX	67		
DION III FLEX	70		

MOUNTING



OPTIONS



SPRING CLIPS

- Leaf springs
- Coil springs

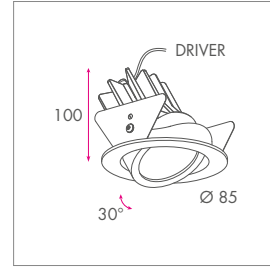
DRIVERS p.306

- LED-drivers non-dimmable
- LED-drivers DALI
- LED-drivers dim 1-10V
- LED-drivers TE-IE

RIO



RIO LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
400 lm @140mA	3,4W 3,4W	90	2700K 3000K	5,0W 5,0W	A+ A+	DALI/1-10V
600 lm @180mA	4,4W 4,4W	90	2700K 3000K	6,0W 6,0W	A+ A+	DALI/1-10V
800 lm @260mA	6,5W 6,5W	90	2700K 3000K	8,1W 8,1W	A+ A+	DALI/1-10V
1000 lm @350mA	8,9W 8,9W	90	2700K 3000K	11,0W 11,0W	A+ A+	DALI/1-10V/TE-IE

REMARKS

- 4000K on request

MOUNTING



OPTIONS



SPRING CLIPS

- Leaf springs
- Coil springs

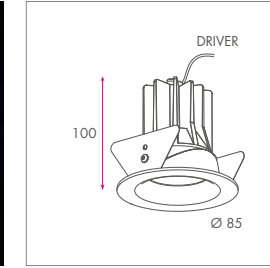
DRIVERS p.306

- LED-drivers non-dimmable
- LED-drivers DALI
- LED-drivers dim 1-10V
- LED-drivers TE-IE

MIRO



MIRO LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
400 lm @140mA	3,4W 3,4W	90	2700K 3000K	5,0W 5,0W	A+ A+	DALI/1-10V
600 lm @180mA	4,4W 4,4W	90	2700K 3000K	6,0W 6,0W	A+ A+	DALI/1-10V
800 lm @260mA	6,5W 6,5W	90	2700K 3000K	8,1W 8,1W	A+ A+	DALI/1-10V
1000 lm @350mA	8,9W 8,9W	90	2700K 3000K	11,0W 11,0W	A+ A+	DALI/1-10V/TE-IE

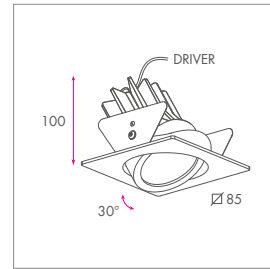
REMARKS

- 4000K on request

RIO SQUARE



RIO SQUARE LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
400 lm @140mA	3,4W 3,4W	90	2700K 3000K	5,0W 5,0W	A+ A+	DALI/1-10V
600 lm @180mA	4,4W 4,4W	90	2700K 3000K	6,0W 6,0W	A+ A+	DALI/1-10V
800 lm @260mA	6,5W 6,5W	90	2700K 3000K	8,1W 8,1W	A+ A+	DALI/1-10V
1000 lm @350mA	8,9W 8,9W	90	2700K 3000K	11,0W 11,0W	A+ A+	DALI/1-10V/TE-IE

REMARKS

- 4000K on request

MOUNTING



OPTIONS



SPRING CLIPS

- Leaf springs
- Coil springs

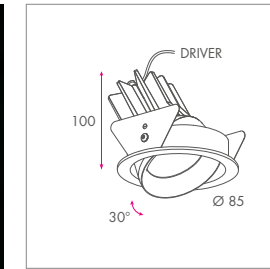
DRIVERS p.306

- LED-drivers non-dimmable
- LED-drivers DALI
- LED-drivers dim 1-10V
- LED-drivers TE-IE

MIRO FLEX



MIRO FLEX LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
400 lm @140mA	3,4W 3,4W	90	2700K 3000K	5,0W 5,0W	A+ A+	DALI/1-10V
600 lm @180mA	4,4W 4,4W	90	2700K 3000K	6,0W 6,0W	A+ A+	DALI/1-10V
800 lm @260mA	6,5W 6,5W	90	2700K 3000K	8,1W 8,1W	A+ A+	DALI/1-10V
1000 lm @350mA	8,9W 8,9W	90	2700K 3000K	11,0W 11,0W	A+ A+	DALI/1-10V/TE-IE

REMARKS

- 4000K on request

MOUNTING



OPTIONS



SPRING CLIPS

- Leaf springs
- Coil springs

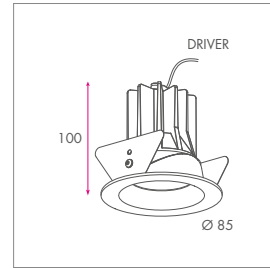
DRIVERS p. 306

- LED-drivers non-dimmable
- LED-drivers DALI
- LED-drivers dim 1-10V
- LED-drivers TE-IE

ONA



ONA LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
400 lm @ 140mA	3,4W 3,4W	90	2700K 3000K	5,0W 5,0W	A+ A+	DALI/1-10V
600 lm @ 180mA	4,4W 4,4W	90	2700K 3000K	6,0W 6,0W	A+ A+	DALI/1-10V
800 lm @ 260mA	6,5W 6,5W	90	2700K 3000K	8,1W 8,1W	A+ A+	DALI/1-10V
1000 lm @ 350mA	8,9W 8,9W	90	2700K 3000K	11,0W 11,0W	A+ A+	DALI/1-10V/TE-IE

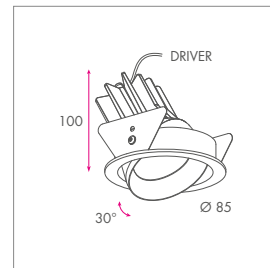
REMARKS

- 4000K on request

ONA FLEX



ONA FLEX LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
400 lm @ 140mA	3,4W 3,4W	90	2700K 3000K	5,0W 5,0W	A+ A+	DALI/1-10V
600 lm @ 180mA	4,4W 4,4W	90	2700K 3000K	6,0W 6,0W	A+ A+	DALI/1-10V
800 lm @ 260mA	6,5W 6,5W	90	2700K 3000K	8,1W 8,1W	A+ A+	DALI/1-10V
1000 lm @ 350mA	8,9W 8,9W	90	2700K 3000K	11,0W 11,0W	A+ A+	DALI/1-10V/TE-IE

REMARKS

- 4000K on request

MOUNTING



OPTIONS



SPRING CLIPS

- Leaf springs
- Coil springs

DRIVERS p. 306

- LED-drivers non-dimmable
- LED-drivers DALI
- LED-drivers dim 1-10V
- LED-drivers TE-IE



Interstock/ BE - Ronse

MOUNTING



OPTIONS



SPRING CLIPS

- Leaf springs
- Coil springs

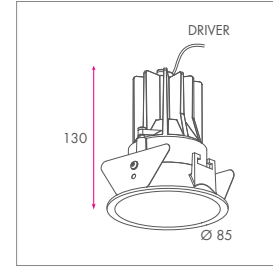
DRIVERS p. 306

- LED-drivers non-dimmable
- LED-drivers DALI
- LED-drivers dim 1-10V
- LED-drivers TE-LE

NORA



NORA LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
400 lm @140mA	3,4W 3,4W	90	2700K 3000K	5,0W 5,0W	A+ A+	DALI/1-10V
600 lm @180mA	4,4W 4,4W	90	2700K 3000K	6,0W 6,0W	A+ A+	DALI/1-10V
800 lm @260mA	6,5W 6,5W	90	2700K 3000K	8,1W 8,1W	A+ A+	DALI/1-10V
1000 lm @350mA	8,9W 8,9W	90	2700K 3000K	11,0W 11,0W	A+ A+	DALI/1-10V/TELE

REMARKS

- 4000K on request

MOUNTING



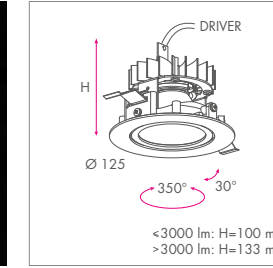
OPTIONS



ORION



ORION LED

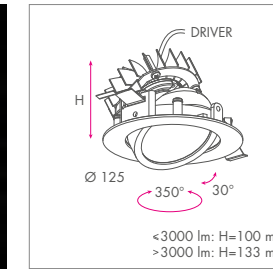


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1000 lm	7,3W 7,5W 7,5W	92	2700K 3000K 4000K	9,3W 9,5W 9,5W	A+ A+ A+	DALI
1000 lm	8,1W	92	CW	10,1W	A	DALI
1500 lm	11,5W 11,6W 11,6W	92	2700K 3000K 4000K	13,7W 13,8W 13,8W	A+ A+ A+	DALI
1500 lm	16,8W	-	MEAT	19,2W	A	DALI
1500 lm	18,5W	-	GOLD	20,9W	A	DALI
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+	DALI
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+	DALI
2800 lm	37,8W	-	MEAT	42,5W	A	DALI
2800 lm	44,8W	-	GOLD	49,5W	A	DALI
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DALI
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DALI
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+	DALI
4000 lm	42,4W	92	CW	46,4W	A	DALI
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+	DALI

ORION FLEX



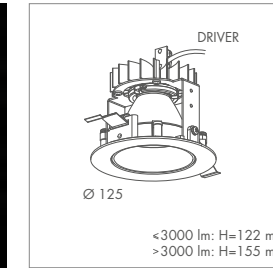
ORION FLEX LED



ORION DEEP



ORION DEEP LED



MOUNTING



OPTIONS



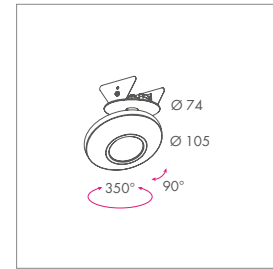
DRIVERS p. 306

- LED-drivers non-dimmable
- LED-drivers DALI
- LED-drivers dim 1-10V
- LED-drivers TE-LE

ONIS DISC



ONIS DISC LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
400 lm @140mA	3,4W 3,4W 3,4W	90	2700K 3000K 4000K	5,0W 5,0W 5,0W	A A+ A+	DALI/1-10V
600 lm @180mA	4,4W 4,4W 4,4W	90	2700K 3000K 4000K	6,0W 6,0W 6,0W	A+ A+ A+	DALI/1-10V
800 lm @260mA	6,5W 6,5W 6,5W	90	2700K 3000K 4000K	8,1W 8,1W 8,1W	A+ A+ A+	DALI/1-10V
1000 lm @350mA	8,7W 8,7W 8,7W	90	2700K 3000K 4000K	10,5W 10,5W 10,5W	A+ A+ A+	DALI/1-10V/TELE

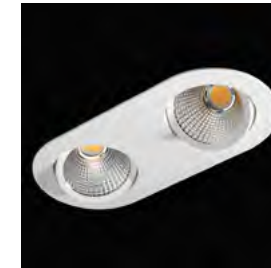
MOUNTING



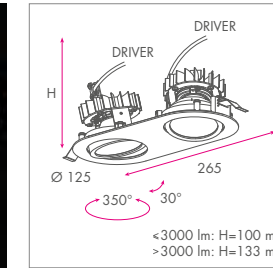
OPTIONS



ORION II FLEX FLAT



ORION II FLEX FLAT 2x LED

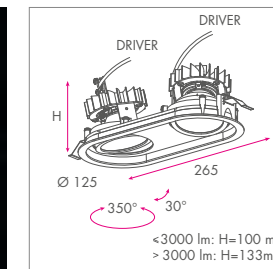


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2x 1000 lm	2x 7,3W 2x 7,5W 2x 7,5W	92	2700K 3000K 4000K	18,6W 19,0W 19,0W	A+ A+ A+	DALI
2x 1000 lm	2x 8,1W	92	CW	20,2W	A	DALI
2x 1500 lm	2x 11,5W 2x 11,6W 2x 11,6W	92	2700K 3000K 4000K	27,4W 27,6W 27,6W	A+ A+ A+	DALI
2x 1500 lm	2x 16,8W	-	MEAT	38,4W	A	DALI
2x 1500 lm	2x 18,5W	-	GOLD	41,8W	A	DALI
2x 2000 lm	2x 16,8W 2x 17,1W 2x 17,1W	92	2700K 3000K 4000K	38,2W 38,8W 38,8W	A+ A+ A+	DALI
2x 2000 lm	2x 16,6W	92	CW	37,8W	A	DALI
2x 2100 lm	2x 26,0W	-	MEAT	60,6W	A	DALI
2x 2100 lm	2x 30,2W	-	GOLD	65,0W	A	DALI
2x 2500 lm	2x 19,6W 2x 20,1W 2x 20,9W	92	2700K 3000K 4000K	46,2W 46,6W 46,2W	A+ A+ A+	DALI
2x 2800 lm	2x 37,8W	-	MEAT	85,0W	A	DALI
2x 2800 lm	2x 44,8W	-	GOLD	99,0W	A	DALI
2x 3000 lm	2x 24,9W 2x 23,7W 2x 24,8W	92	2700K 3000K 4000K	58,0W 54,6W 56,8W	A+ A+ A+	DALI
2x 3000 lm	2x 29,1W	92	CW	67,4W	A	DALI
2x 3500 lm	2x 28,5W 2x 29,3W 2x 24,8W	92	2700K 3000K 4000K	66,2W 67,0W 57,8W	A+ A+ A+	DALI
2x 4000 lm	2x 34,0W 2x 32,0W 2x 28,4W	92	2700K 3000K 4000K	75,4W 74,2W 66,0W	A+ A+ A+	DALI
2x 4000 lm	2x 42,4W	92	CW	92,8W	A	DALI
2x 4500 lm	2x 39,6W 2x 35,7W 2x 33,9W	92	2700K 3000K 4000K	87,6W 79,2W 78,2W	A+ A+ A+	DALI

ORION II FLEX



ORION II FLEX 2x LED





MOUNTING



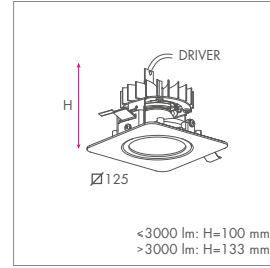
OPTIONS



NOVA



NOVA LED

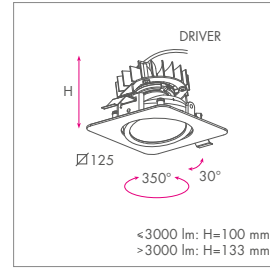


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1000 lm	7,3W 7,5W 7,5W	92	2700K 3000K 4000K	9,3W 9,5W 9,5W	A+ A+ A+	DALI
1000 lm	8,1W	92	CW	10,1W	A	DALI
1500 lm	11,5W 11,6W 11,6W	92	2700K 3000K 4000K	13,7W 13,8W 13,8W	A+ A+ A+	DALI
1500 lm	16,8W	-	MEAT	19,2W	A	DALI
1500 lm	18,5W	-	GOLD	20,9W	A	DALI
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+	DALI
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+	DALI
2800 lm	37,8W	-	MEAT	42,5W	A	DALI
2800 lm	44,8W	-	GOLD	49,5W	A	DALI
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DALI
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DALI
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+	DALI
4000 lm	42,4W	92	CW	46,4W	A	DALI
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+	DALI

NOVA FLEX



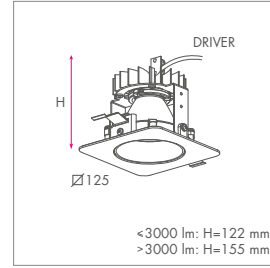
NOVA FLEX LED



NOVA DEEP



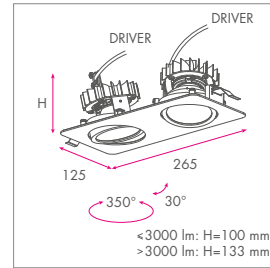
NOVA DEEP LED



NOVA II FLEX FLAT



NOVA II FLEX FLAT 2x LED

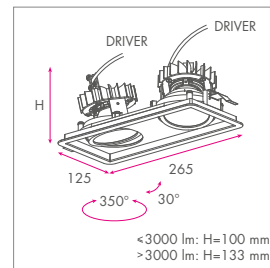


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2x 1000 lm	2x 7,3W 2x 7,5W 2x 7,5W	92	2700K 3000K 4000K	18,6W 19,0W 19,0W	A+ A+ A+	DALI
2x 1000 lm	2x 8,1W	92	CW	20,2W	A	DALI
2x 1500 lm	2x 11,5W 2x 11,6W 2x 11,6W	92	2700K 3000K 4000K	27,4W 27,6W 27,6W	A+ A+ A+	DALI
2x 1500 lm	2x 16,8W	-	MEAT	38,4W	A	DALI
2x 1500 lm	2x 18,5W	-	GOLD	41,8W	A	DALI
2x 2000 lm	2x 16,8W 2x 17,1W 2x 17,1W	92	2700K 3000K 4000K	38,2W 38,8W 38,8W	A+ A+ A+	DALI
2x 2000 lm	2x 16,6W	92	CW	37,8W	A	DALI
2x 2100 lm	2x 26,0W	-	MEAT	60,6W	A	DALI
2x 2100 lm	2x 30,2W	-	GOLD	65,0W	A	DALI
2x 2500 lm	2x 19,6W 2x 20,1W 2x 20,9W	92	2700K 3000K 4000K	46,2W 46,6W 46,2W	A+ A+ A+	DALI
2x 2800 lm	2x 37,8W	-	MEAT	85,0W	A	DALI
2x 2800 lm	2x 44,8W	-	GOLD	99,0W	A	DALI
2x 3000 lm	2x 24,9W 2x 23,7W 2x 24,8W	92	2700K 3000K 4000K	58,0W 54,6W 56,8W	A+ A+ A+	DALI
2x 3000 lm	2x 29,1W	92	CW	67,4W	A	DALI
2x 3500 lm	2x 28,5W 2x 29,3W 2x 24,8W	92	2700K 3000K 4000K	66,2W 67,0W 57,8W	A+ A+ A+	DALI
2x 4000 lm	2x 34,0W 2x 32,0W 2x 28,4W	92	2700K 3000K 4000K	75,4W 74,2W 66,0W	A+ A+ A+	DALI
2x 4000 lm	2x 42,4W	92	CW	92,8W	A	DALI
2x 4500 lm	2x 39,6W 2x 35,7W 2x 33,9W	92	2700K 3000K 4000K	87,6W 79,2W 78,2W	A+ A+ A+	DALI

NOVA II FLEX



NOVA II FLEX 2x LED



MOUNTING



OPTIONS



MOUNTING



OPTIONS



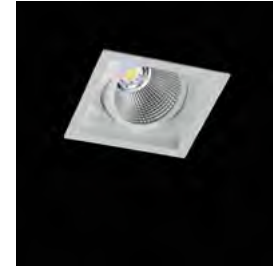
MOUNTING



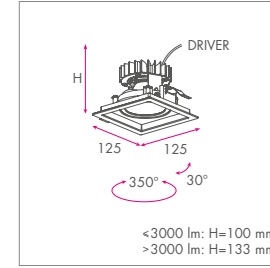
OPTIONS



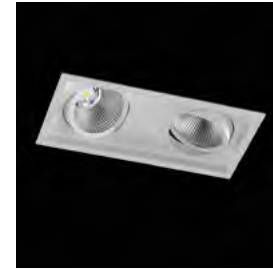
DION FLEX



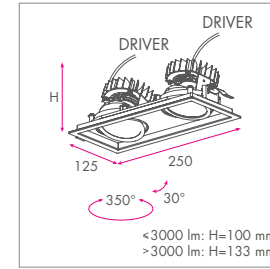
DION FLEX LED



DION II FLEX



DION II FLEX 2x LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1500 lm	11,5W 11,6W 11,6W	92	2700K 3000K 4000K	13,7W 13,8W 13,8W	A+ A+ A+	DALI
1500 lm	16,8W	-	MEAT	19,2W	A	DALI
1500 lm	18,5W	-	GOLD	20,9W	A	DALI
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+	DALI
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+	DALI
2800 lm	37,8W	-	MEAT	42,5W	A	DALI
2800 lm	44,8W	-	GOLD	49,5W	A	DALI
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DALI
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DALI
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+	DALI
4000 lm	42,4W	92	CW	46,4W	A	DALI
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+	DALI

LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2x 1000 lm	2x 7,3W 2x 7,5W 2x 7,5W	92	2700K 3000K 4000K	18,6W 19,0W 19,0W	A+ A+ A+	DALI
2x 1000 lm	2x 8,1W	92	CW	20,2W	A	DALI
2x 1500 lm	2x 11,5W 2x 11,6W 2x 11,6W	92	2700K 3000K 4000K	27,4W 27,6W 27,6W	A+ A+ A+	DALI
2x 1500 lm	2x 16,8W	-	MEAT	38,4W	A	DALI
2x 2000 lm	2x 16,8W 2x 17,1W 2x 17,1W	92	2700K 3000K 4000K	38,2W 38,8W 38,8W	A+ A+ A+	DALI
2x 2000 lm	2x 16,6W	92	CW	37,8W	A	DALI
2x 2100 lm	2x 26,0W	-	MEAT	60,6W	A	DALI
2x 2500 lm	2x 19,6W 2x 20,1W 2x 20,9W	92	2700K 3000K 4000K	46,2W 46,6W 46,2W	A+ A+ A+	DALI
2x 2800 lm	2x 37,8W	-	MEAT	85,0W	A	DALI
2x 2800 lm	2x 44,8W	-	GOLD	99,0W	A	DALI
2x 3000 lm	2x 24,9W 2x 23,7W 2x 24,8W	92	2700K 3000K 4000K	58,0W 54,6W 56,8W	A+ A+ A+	DALI
2x 3000 lm	2x 29,1W	92	CW	67,4W	A	DALI
2x 3500 lm	2x 28,5W 2x 29,3W 2x 24,8W	92	2700K 3000K 4000K	66,2W 67,0W 57,8W	A+ A+ A+	DALI
2x 4000 lm	2x 34,0W 2x 32,0W 2x 28,4W	92	2700K 3000K 4000K	75,4W 74,2W 66,0W	A+ A+ A+	DALI
2x 4000 lm	2x 42,4W	92	CW	92,8W	A	DALI
2x 4500 lm	2x 39,6W 2x 35,7W 2x 33,9W	92	2700K 3000K 4000K	87,6W 79,2W 78,2W	A+ A+ A+	DALI

REMARKS

- Combination of different light sources and reflectors in this fixture possible



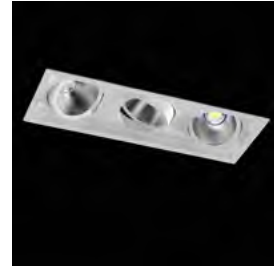
MOUNTING



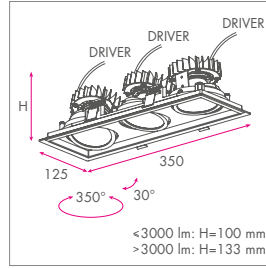
OPTIONS



DION III FLEX



DION III FLEX 3x LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
3x 1000 lm	3x 7,3W 3x 7,5W 3x 7,5W	92	2700K 3000K 4000K	27,9W 28,5W 27,9W	A+ A+ A+	DALI
3x 1000 lm	3x 8,1W	92	CVW	30,3W	A	DALI
3x 1500 lm	3x 11,5W 3x 11,6W 3x 11,6W	92	2700K 3000K 4000K	41,1W 41,4W 41,4W	A+ A+ A+	DALI
3x 1500 lm	3x 16,8W	-	MEAT	57,6W	A	DALI
3x 2000 lm	3x 16,8W 3x 17,1W 3x 17,1W	92	2700K 3000K 4000K	57,3W 58,2W 58,2W	A+ A+ A+	DALI
3x 2000 lm	3x 16,6W	92	CVW	56,7W	A	DALI
3x 2100 lm	3x 26,0W	-	MEAT	90,9W	A	DALI
3x 2500 lm	3x 19,6W 3x 20,1W 3x 20,9W	92	2700K 3000K 4000K	69,3W 69,9W 69,3W	A+ A+ A+	DALI
3x 2800 lm	3x 44,8W	-	GOLD	148,5W	A	DALI
3x 2800 lm	3x 37,8W	-	MEAT	127,5W	A	DALI
3x 3000 lm	3x 24,9W 3x 23,7W 3x 24,8W	92	2700K 3000K 4000K	87,0W 81,9W 85,2W	A+ A+ A+	DALI
3x 3000 lm	3x 29,1W	92	CVW	101,1W	A	DALI
3x 3500 lm	3x 28,5W 3x 29,3W 3x 24,8W	92	2700K 3000K 4000K	99,3W 100,5W 86,7W	A+ A+ A+	DALI
3x 4000 lm	3x 34,0W 3x 32,0W 3x 28,4W	92	2700K 3000K 4000K	113,1W 111,3W 99,0W	A+ A+ A+	DALI
3x 4000 lm	3x 42,4W	92	CVW	139,2W	A	DALI
3x 4500 lm	3x 39,6W 3x 35,7W 3x 33,9W	92	2700K 3000K 4000K	131,4W 118,8W 117,3W	A+ A+ A+	DALI

REMARKS

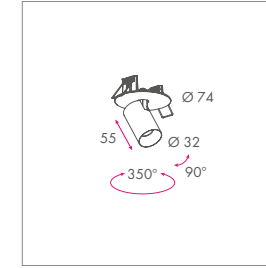
- Combination of different light sources and reflectors in this fixture possible



VISTA DISC



VISTA DISC LED



MOUNTING



OPTIONS



SPRING CLIPS

- Leaf springs
- Coil springs

DRIVERS p.306

- LED-drivers non-dimmable
- LED-drivers DALI
- LED-drivers dim 1-10V



LAMP POWER	LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
400 lm @ 140mA	3,4W 3,4W	90	2700K 3000K	5,0W 5,0W	A+ A+	DALI/1-10V	

REMARKS

- 4000K on request

N
BRUGGE
FIRENZE
LONDON
ROESELARE
MILANO
LO



MOUNTING



VARO FLOW



VARO FLOW IN

OPTIONS



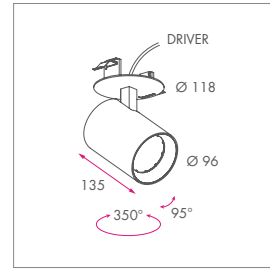
ADAPTORS

- fix E4
- fix E5

VARO FLOW DISC



VARO FLOW DISC LED



LAMP POWER	LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1500 lm	16,8W	-	MEAT	19,2W	A	DALI	
1500 lm	18,5W	-	GOLD	20,9W	A	DALI	
2000 lm	16,8W	92	2700K	19,1W	A+	DALI	
	17,1W	92	3000K	19,4W	A+		
	17,1W	92	4000K	19,4W	A+		
2000 lm	16,6W	92	CW	18,9W	A	DALI	
2100 lm	26,0W	-	MEAT	30,3W	A	DALI	
2100 lm	30,2W	-	GOLD	34,5W	A	DALI	
2500 lm	19,6W	92	2700K	23,1W	A+	DALI	
	20,1W	92	3000K	23,3W	A+		
	20,9W	92	4000K	23,1W	A+		
3000 lm	24,9W	92	2700K	29,0W	A+	DALI	
	23,7W	92	3000K	27,3W	A+		
	24,8W	92	4000K	28,4W	A+		
3000 lm	29,1W	92	CW	33,7W	A	DALI	
3500 lm	28,5W	92	2700K	33,1W	A+	DALI	
	29,3W	92	3000K	33,5W	A+		
	24,8W	92	4000K	28,9W	A+		
4000 lm	34,0W	92	2700K	37,7W	A+	DALI	
	32,0W	92	3000K	37,1W	A+		
	28,4W	92	4000K	33,0W	A+		
4000 lm	42,4W	92	CW	46,4W	A	DALI	
4500 lm	39,6W	92	2700K	43,8W	A+	DALI	
	35,7W	92	3000K	39,6W	A+		
	33,9W	92	4000K	39,1W	A+		

MOUNTING



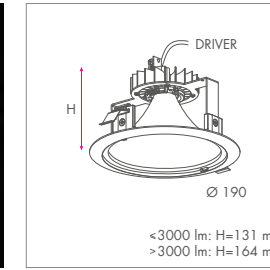
OPTIONS



APOLLO



APOLLO LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1500 lm	16,8W	-	MEAT	19,2W	A	
1500 lm	18,5W	-	GOLD	20,9W	A	
2000 lm	16,8W	92	2700K	19,1W	A+	DALI
	17,1W	92	3000K	19,4W	A+	
	17,1W	92	4000K	19,4W	A+	
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	
2100 lm	30,2W	-	GOLD	34,5W	A	
2500 lm	19,6W	92	2700K	23,1W	A+	DALI
	20,1W	92	3000K	23,3W	A+	
	20,9W	92	4000K	23,1W	A+	
2800 lm	37,8W	-	MEAT	42,5W	A	
2800 lm	44,8W	-	GOLD	49,5W	A	
3000 lm	24,9W	92	2700K	29,0W	A+	DALI
	23,7W	92	3000K	27,3W	A+	
	24,8W	92	4000K	28,4W	A+	
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W	92	2700K	33,1W	A+	DALI
	29,3W	92	3000K	33,5W	A+	
	24,8W	92	4000K	28,9W	A+	
4000 lm	34,0W	92	2700K	37,7W	A+	DALI
	32,0W	92	3000K	37,1W	A+	
	28,4W	92	4000K	33,0W	A+	
4000 lm	42,4W	92	CW	46,4W	A	DALI
4500 lm	39,6W	92	2700K	43,8W	A+	DALI
	35,7W	92	3000K	39,6W	A+	
	33,9W	92	4000K	39,1W	A+	
8000 lm	74,8W	92	3000K	84,0W	A+	
8500 lm	74,8W	92	4000K	84,0W	A+	

ACCESSORIES / OPTIONS



MOUNTING



VARO FLOW



VARO FLOW DISC

OPTIONS



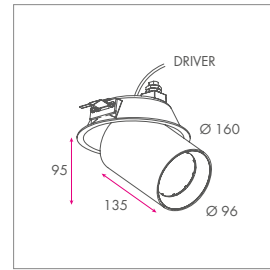
ADAPTORS

- fix E4
- fix E5

VARO FLOW IN

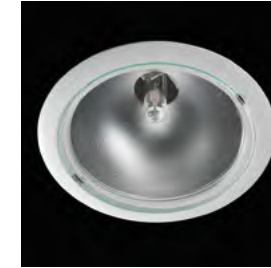


VARO FLOW IN LED

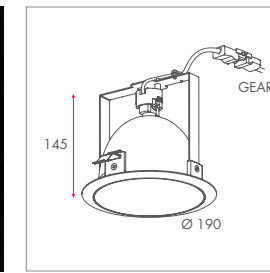


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
3000 lm	29,1W	92	CW	33,7W	A	DALI
1500 lm	16,8W	-	MEAT	19,2W	A	DALI
4500 lm	39,6W	92	2700K	43,8W	A+	DALI
	35,7W	92	3000K	39,6W	A+	
	33,9W	92	4000K	39,1W	A+	
4000 lm	42,4W	92	CW	46,4W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2000 lm	16,8W	92	2700K	19,1W	A+	DALI
	17,1W	92	3000K	19,4W	A+	
	17,1W	92	4000K	19,4W	A+	
2000 lm	16,6W	92	CW	18,9W	A	DALI
2500 lm	19,6W	92	2700K	23,1W	A+	DALI
	20,1W	92	3000K	23,3W	A+	
	20,9W	92	4000K	23,1W	A+	
3000 lm	24,9W	92	2700K	29,0W	A+	DALI
	23,7W	92	3000K	27,3W	A+	
	24,8W	92	4000K	28,4W	A+	
3500 lm	28,5W	92	2700K	33,1W	A+	DALI
	29,3W	92	3000K	33,5W	A+	
	24,8W	92	4000K	28,9W	A+	
4000 lm	34,0W	92	2700K	37,7W	A+	DALI
	32,0W	92	3000K	37,1W	A+	
	28,4W	92	4000K	33,0W	A+	

APOLLO



APOLLO HIT



LAMP POWER	LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL
35W EU	4000 lm	90	3000K	42W	A+
	3800 lm	90	4200K	42W	A+
35W EVO	4300 lm	90	3000K	42W	A+
50W EU	5400 lm	90	3000K	55W	A+
	5000 lm	90	4200K	55W	A+
70W EU	7800 lm	90	3000K	80W	A+
	7500 lm	90	4200K	80W	A+
70W EVO	8800 lm	90	3000K	80W	A+
100W EU	11000 lm	90	3000K	110W	A+
	10500 lm	90	4200K	110W	A+
150W EU	15000 lm	90	3000K	163W	A+
		90	4200K	163W	A+

ACCESSORIES / OPTIONS





MOUNTING



EROS 170 UP

MOUNTING

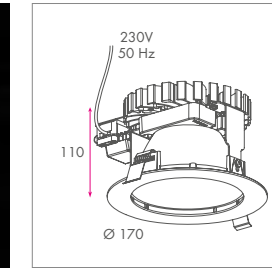


EROS 215

EROS 170



EROS 170 LED



LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL
1100 lm	80	3000K	9,5W	A+
2000 lm	80	3000K	17,5W	A+
3000 lm	80	3000K	26,5W	A+
	80	4000K	9,5W	A+
	80	4000K	17,5W	A+
	80	4000K	26,5W	A+

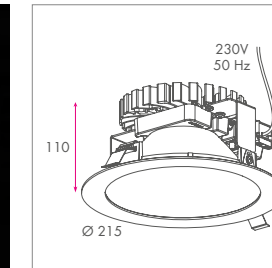
ACCESSORIES / OPTIONS



EROS 215



EROS 215 LED



LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL
1100 lm	80	3000K	9,5W	A+
2000 lm	80	3000K	17,5W	A+
3000 lm	80	3000K	26,5W	A+
	80	4000K	9,5W	A+
	80	4000K	17,5W	A+
	80	4000K	26,5W	A+

ACCESSORIES / OPTIONS



MOUNTING



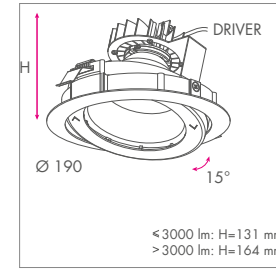
OPTIONS



LOTUS



LOTUS LED



< 3000 lm: H=131 mm
> 3000 lm: H=164 mm



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1500 lm	16,8W	-	MEAT	19,2W	A	DALI
1500 lm	18,5W	-	GOLD	20,9W	A	DALI
2000 lm	16,8W	92	2700K	19,1W	A+	DALI
	17,1W	92	3000K	19,4W	A+	
	17,1W	92	4000K	19,4W	A+	
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W	92	2700K	23,1W	A+	DALI
	20,1W	92	3000K	23,3W	A+	
	20,9W	92	4000K	23,1W	A+	
2800 lm	37,8W	-	MEAT	42,5W	A	DALI
2800 lm	44,8W	-	GOLD	49,5W	A	DALI
3000 lm	24,9W	92	2700K	29,0W	A+	DALI
	23,7W	92	3000K	27,3W	A+	
	24,8W	92	4000K	28,4W	A+	
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W	92	2700K	33,1W	A+	DALI
	29,3W	92	3000K	33,5W	A+	
	24,8W	92	4000K	28,9W	A+	
4000 lm	34,0W	92	2700K	37,7W	A+	DALI
	32,0W	92	3000K	37,1W	A+	
	28,4W	92	4000K	33,0W	A+	
4000 lm	42,4W	92	CW	46,4W	A	DALI
4500 lm	39,6W	92	2700K	43,8W	A+	DALI
	35,7W	92	3000K	39,6W	A+	
	33,9W	92	4000K	39,1W	A+	

ACCESSORIES / OPTIONS



REMARKS

- also available as a fixable 0-15° luminaire

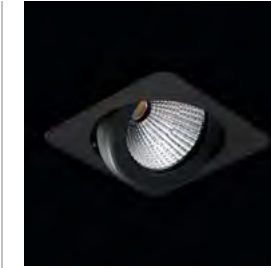
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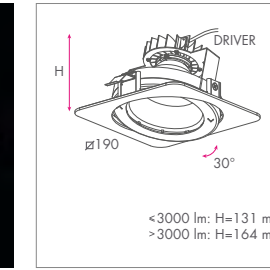
OPTIONS



LOTUS SQUARE



LOTUS SQUARE LED



< 3000 lm: H=131 mm
> 3000 lm: H=164 mm



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1500 lm	16,8W	-	MEAT	19,2W	A	DALI
1500 lm	18,5W	-	GOLD	20,9W	A	DALI
2000 lm	16,8W	92	2700K	19,1W	A+	DALI
	17,1W	92	3000K	19,4W	A+	
	17,1W	92	4000K	19,4W	A+	
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W	92	2700K	23,1W	A+	DALI
	20,1W	92	3000K	23,3W	A+	
	20,9W	92	4000K	23,1W	A+	
2800 lm	37,8W	-	MEAT	42,5W	A	DALI
2800 lm	44,8W	-	GOLD	49,5W	A	DALI
3000 lm	24,9W	92	2700K	29,0W	A+	DALI
	23,7W	92	3000K	27,3W	A+	
	24,8W	92	4000K	28,4W	A+	
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W	92	2700K	33,1W	A+	DALI
	29,3W	92	3000K	33,5W	A+	
	24,8W	92	4000K	28,9W	A+	
4000 lm	34,0W	92	2700K	37,7W	A+	DALI
	32,0W	92	3000K	37,1W	A+	
	28,4W	92	4000K	33,0W	A+	
4000 lm	42,4W	92	CW	46,4W	A	DALI
4500 lm	39,6W	92	2700K	43,8W	A+	DALI
	35,7W	92	3000K	39,6W	A+	
	33,9W	92	4000K	39,1W	A+	

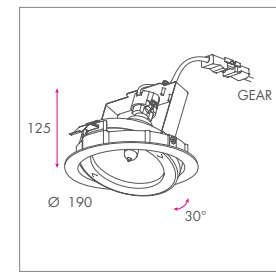
ACCESSORIES / OPTIONS



LOTUS



LOTUS HIT



LAMP POWER	LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL
35W EU	4000 lm	90	3000K	42W	A+
	3800 lm	90	4200K	42W	A+
35W EVO	4300 lm	90	3000K	42W	A+
50W EU	5400 lm	90	3000K	55W	A+
	5000 lm	90	4200K	55W	A+
70W EU	7800 lm	90	3000K	80W	A+
	7500 lm	90	4200K	80W	A+
70W EVO	8800 lm	90	3000K	80W	A+
100W EU	11000 lm	90	3000K	110W	A+
	10500 lm	90	4200K	110W	A+

ACCESSORIES / OPTIONS



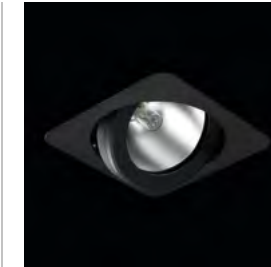
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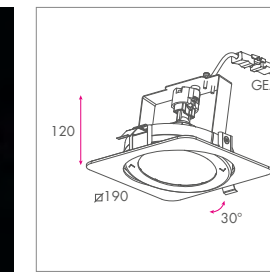
OPTIONS



LOTUS SQUARE



LOTUS SQUARE HIT



LAMP POWER	LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL
35W EU	4000 lm	90	3000K	42W	A+
	3800 lm	90	4200K	42W	A+
35W EVO	4300 lm	90	3000K	42W	A+
50W EU	5400 lm	90	3000K	55W	A+
	5000 lm	90	4200K	55W	A+
70W EU	7800 lm	90	3000K	80W	A+
	7500 lm	90	4200K	80W	A+
70W EVO	8800 lm	90	3000K	80W	A+
100W EU	11000 lm	90	3000K	110W	A+
	10500 lm	90	4200K	110W	A+

ACCESSORIES / OPTIONS





MOUNTING



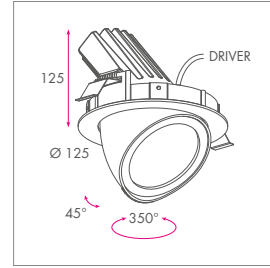
OPTIONS



CERES



CERES LED



LAMP POWER	LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1000 lm	7,3W	92	2700K	9,3W	A+	DALI	
	7,5W	92	3000K	9,5W	A+		
	7,5W	92	4000K	9,5W	A+		
1000 lm	8,1W	92	CW	10,1W	A	DALI	
	11,5W	92	2700K	13,7W	A+		
	11,6W	92	3000K	13,8W	A+		
11,6W	92	4000K	13,8W	A+			
1500 lm	16,8W	-	MEAT	19,2W	A	DALI	
1500 lm	18,5W	-	GOLD	20,9W	A	DALI	
2000 lm	16,8W	92	2700K	19,1W	A+	DALI	
1500 lm	17,1W	92	3000K	19,4W	A+		
	17,1W	92	4000K	19,4W	A+		
2000 lm	16,6W	92	CW	18,9W	A	DALI	
2100 lm	26,0W	-	MEAT	30,3W	A	DALI	
2100 lm	30,2W	-	GOLD	34,5W	A	DALI	
2500 lm	19,6W	92	2700K	23,1W	A+	DALI	
2000 lm	20,1W	92	3000K	23,3W	A+		
	20,9W	92	4000K	23,1W	A+		
3000 lm	24,9W	92	2700K	29,0W	A+	DALI	
2500 lm	23,7W	92	3000K	27,3W	A+		
	24,8W	92	4000K	28,4W	A+		
3000 lm	29,1W	92	CW	33,7W	A	DALI	
3500 lm	28,5W	92	2700K	33,1W	A+	DALI	
2500 lm	29,3W	92	3000K	33,5W	A+		
	24,8W	92	4000K	28,9W	A+		
4000 lm	34,0W	92	2700K	37,7W	A+	DALI	
3000 lm	32,0W	92	3000K	37,1W	A+		
	28,4W	92	4000K	33,0W	A+		

MOUNTING



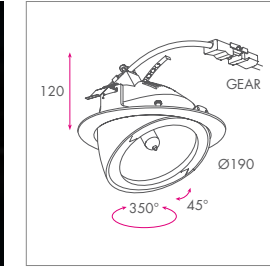
OPTIONS



SCOOP



SCOOP HIT



LAMP POWER	LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL
35W EU	4000 lm	90	3000K	42W	A+
	3800 lm	90	4200K	42W	A+
35W EVO	4300 lm	90	3000K	42W	A+
50W EU	5400 lm	90	3000K	55W	A+
	5000 lm	90	4200K	55W	A+
70W EU	7800 lm	90	3000K	80W	A+
	7500 lm	90	4200K	80W	A+
70W EVO	8800 lm	90	3000K	80W	A+
	100W EU	11000 lm	90	3000K	110W
	10500 lm	90	4200K	110W	A+

MOUNTING



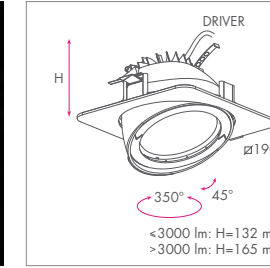
OPTIONS



SCOOP SQUARE



SCOOP SQUARE LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1500 lm	16,8W	-	MEAT	19,2W	A	
1500 lm	18,5W	-	GOLD	20,9W	A	
2000 lm	16,8W	92	2700K	19,1W	A+	DALI
	17,1W	92	3000K	19,4W	A+	
	17,1W	92	4000K	19,4W	A+	
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	
2100 lm	30,2W	-	GOLD	34,5W	A	
2500 lm	19,6W	92	2700K	23,1W	A+	DALI
2000 lm	20,1W	92	3000K	23,3W	A+	
	20,9W	92	4000K	23,1W	A+	
2800 lm	37,8W	-	MEAT	42,5W	A	
2800 lm	44,8W	-	GOLD	49,5W	A	
3000 lm	24,9W	92	2700K	29,0W	A+	DALI
	23,7W	92	3000K	27,3W	A+	
	24,8W	92	4000K	28,4W	A+	
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W	92	2700K	33,1W	A+	DALI
	29,3W	92	3000K	33,5W	A+	
	24,8W	92	4000K	28,9W	A+	
4000 lm	34,0W	92	2700K	37,7W	A+	DALI
3000 lm	32,0W	92	3000K	37,1W	A+	
	28,4W	92	4000K	33,0W	A+	
4000 lm	42,4W	92	CW	46,4W	A	DALI
4500 lm	39,6W	92	2700K	43,8W	A+	DALI
	35,7W	92	3000K	39,6W	A+	
	33,9W	92	4000K	39,1W	A+	

ACCESSORIES / OPTIONS



MOUNTING



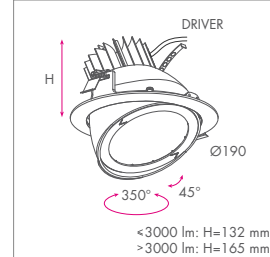
OPTIONS



SCOOP



SCOOP LED

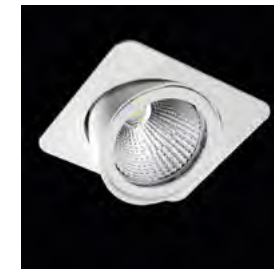


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1500 lm	16,8W	-	MEAT	19,2W	A	DALI
1500 lm	18,5W	-	GOLD	20,9W	A	DALI
2000 lm	16,8W	92	2700K	19,1W	A+	DALI
	17,1W	92	3000K	19,4W	A+	
	17,1W	92	4000K	19,4W	A+	
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W	92	2700K	23,1W	A+	DALI
2000 lm	20,1W	92	3000K	23,3W	A+	
	20,9W	92	4000K	23,1W	A+	
2800 lm	37,8W	-	MEAT	42,5W	A	DALI
2800 lm	44,8W	-	GOLD	49,5W	A	DALI
3000 lm	24,9W	92	2700K	29,0W	A+	DALI
	23,7W	92	3000K	27,3W	A+	
	24,8W	92	4000K	28,4W	A+	
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W	92	2700K	33,1W	A+	DALI
	29,3W	92	3000K	33,5W	A+	
	24,8W	92	4000K	28,9W	A+	
4000 lm	34,0W	92	2700K	37,7W	A+	DALI
3000 lm	32,0W	92	3000K	37,1W	A+	
	28,4W	92	4000K	33,0W	A+	
4000 lm	42,4W	92	CW	46,4W	A	DALI
4500 lm	39,6W	92	2700K	43,8W	A+	DALI
	35,7W	92	3000K	39,6W	A+	
	33,9W	92	4000K	39,1W	A+	

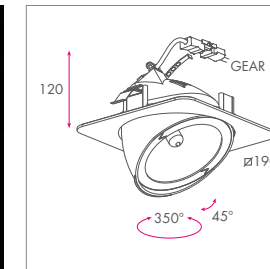
ACCESSORIES / OPTIONS



SCOOP SQUARE



SCOOP SQUARE HIT



LAMP POWER	LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL
35W EU	4000 lm	90	3000K	42W	A+
	3800 lm	90	4200K	42W	A+
35W EVO	4300 lm	90	3000K	42W	A+
50W EU	5400 lm	90	3000K	55W	A+
	5000 lm	90	4200K	55W	A+
70W EU	7800 lm	90	3000K	80W	A+
	7500 lm	90	4200K	80W	A+
70W EVO	8800 lm	90	3000K	80W	A+
100W EU	11000 lm	90	3000K	110W	A+
	10500 lm	90	4200K	110W	A+

MOUNTING



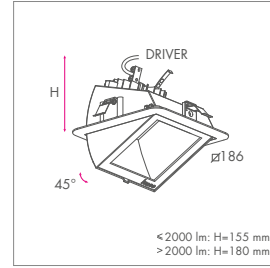
OPTIONS



CARERO



CARERO LED



LAMP POWER	LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1500 lm	16,8W	-	MEAT	19,2W	A	DALI	
1500 lm	18,5W	-	GOLD	20,9W	A	DALI	
2000 lm	16,8W	92	2700K	19,1W	A+	DALI	
	17,1W	92	3000K	19,4W	A+		
	17,1W	92	4000K	19,4W	A+		
2000 lm	16,6W	92	CW	18,9W	A	DALI	
2100 lm	26,0W	-	MEAT	30,3W	A	DALI	
2100 lm	30,2W	-	GOLD	34,5W	A	DALI	
2500 lm	19,6W	92	2700K	23,1W	A+	DALI	
	20,1W	92	3000K	23,3W	A+		
	20,9W	92	4000K	23,1W	A+		
2800 lm	37,8W	-	MEAT	42,5W	A	DALI	
2800 lm	44,8W	-	GOLD	49,5W	A	DALI	
3000 lm	24,9W	92	2700K	29,0W	A+	DALI	
	23,7W	92	3000K	27,3W	A+		
	24,8W	92	4000K	28,4W	A+		
3000 lm	29,1W	92	CW	33,7W	A	DALI	
3500 lm	28,5W	92	2700K	33,1W	A+	DALI	
	29,3W	92	3000K	33,5W	A+		
	24,8W	92	4000K	28,9W	A+		
4000 lm	34,0W	92	2700K	37,7W	A+	DALI	
	32,0W	92	3000K	37,1W	A+		
	28,4W	92	4000K	33,0W	A+		
4000 lm	42,4W	92	CW	46,4W	A	DALI	
4500 lm	39,6W	92	2700K	43,8W	A+	DALI	
	35,7W	92	3000K	39,6W	A+		
	33,9W	92	4000K	39,1W	A+		

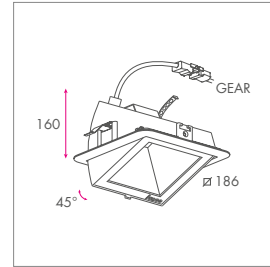
ACCESSORIES / OPTIONS



CARERO



CARERO HIT



LAMP POWER	LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL
35W ELI	4000 lm	90	3000K	42W	A+
	3800 lm	90	4200K	42W	A+
35W EVO	4300 lm	90	3000K	42W	A+
50W ELI	5400 lm	90	3000K	55W	A+
	5000 lm	90	4200K	55W	A+
70W ELI	7800 lm	90	3000K	80W	A+
	7500 lm	90	4200K	80W	A+
70W EVO	8800 lm	90	3000K	80W	A+







Rouge Gorge/ FR - Carré Sénart / bureau d'architectes Carré Noir

MOUNTING



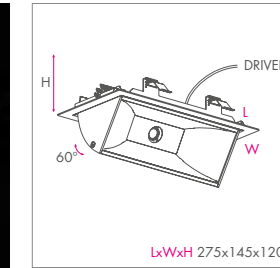
OPTIONS



POLARIS

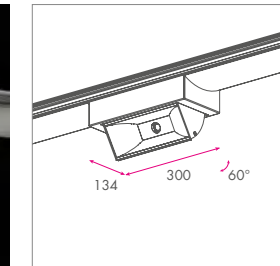


POLARIS LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1500 lm	16,8W	-	MEAT	19,2W	A	DALI
1500 lm	18,5W	-	GOLD	20,9W	A	DALI
2000 lm	16,8W	92	2700K	19,1W	A+	DALI
	17,1W	92	3000K	19,4W	A+	
	17,1W	92	4000K	19,4W	A+	
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W	92	2700K	23,1W	A+	DALI
	20,1W	92	3000K	23,3W	A+	
	20,9W	92	4000K	23,1W	A+	
3000 lm	24,9W	92	2700K	29,0W	A+	DALI
	23,7W	92	3000K	27,3W	A+	
	24,8W	92	4000K	28,4W	A+	
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W	92	2700K	33,1W	A+	DALI
	29,3W	92	3000K	33,5W	A+	
	24,8W	92	4000K	28,9W	A+	
4000 lm	34,0W	92	2700K	37,7W	A+	DALI
	32,0W	92	3000K	37,1W	A+	
	28,4W	92	4000K	33,0W	A+	
4500 lm	39,6W	92	2700K	43,8W	A+	DALI
	35,7W	92	3000K	39,6W	A+	
	33,9W	92	4000K	39,1W	A+	

DUALIS POLARIS



When you have our former Dualis system with the fixture Waldo, you can easily switch to the Polaris with this module.

REMARKS

- Can be mounted on the Dualis and Highway system

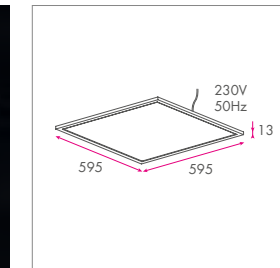
MOUNTING



MODITO



MODITO LED

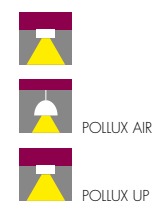


LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL	DIM
4000 lm	80	3000K	35W	A+	DALI
	80	4000K	35W	A+	

REMARKS

- Also available with prismatic diffusor (UGR<19)
- only suitable for visible T-profile ceilings

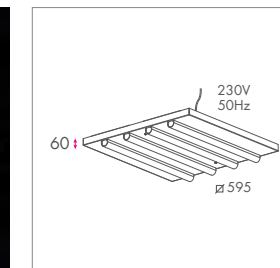
MOUNTING



POLLUX



POLLUX 4x LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL
4x 1250 lm	26,0W	80	3000K	29,7W	A++
	26,0W	80	4000K	29,7W	A++

OPTIONS





VOLVO XC60

accessoirewielen 20" Candor, matgrijs
Pirelli zomerbanden

gant Luxury Styling Kit, matgrijs
perbar vooraan en bumperplaat achteraan
(twee geïntegreerde uitlaten)

AUTOMOBILIA
U BENT ONZE MOTOR

BRUGGE | OOSTENDE | ROESELARE | TIELT | VEURNE | ZARREN

MOUNTING



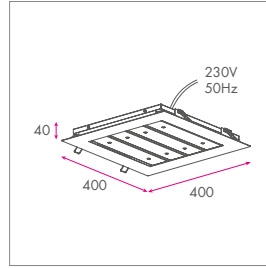
OPTIONS



LATERNA



LATERNA LED

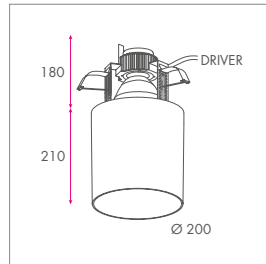


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
6000 lm	45,6W 45,6W	90	3000K 4000K	50W 50W	A++ A++	DALI
8000 lm	62,8W 62,8W	90	3000K 4000K	68W 68W	A++ A++	DALI
10000 lm	84,0W 84,0W	90	3000K 4000K	90W 90W	A++ A++	DALI
10000 lm	62,8W 62,8W	80	3000K 4000K	68W 68W	A++ A++	DALI
12000 lm	84,0W 84,0W	80	3000K 4000K	90W 90W	A++ A++	DALI

RONDO UP



RONDO UP LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1500 lm	16,8W	-	MEAT	19,2W	A	DALI
1500 lm	18,5W	-	GOLD	20,9W	A	DALI
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+	DALI
2000 lm	16,6W	92	CVW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+	DALI
2800 lm	37,8W	-	MEAT	42,5W	A	DALI
2800 lm	44,8W	-	GOLD	49,5W	A	DALI
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DALI
3000 lm	29,1W	92	CVW	33,7W	A	DALI
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DALI
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+	DALI
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+	DALI

MOUNTING





Mounted

ONIS BOARD	96	TALGO UP	106
ONIS TWIN	96	TALGO UP BAP	106
ONIS SPLIT	96	TRILADA	110
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TUBE UP 450	98	CUBIX	111
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PLANET UP 900	103	SOLAR UP	117
PLANET UP 1100	103	SOLAR II UP	117
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MOUNTING



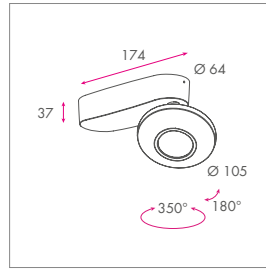
OPTIONS



ONIS BOARD



ONIS BOARD LED



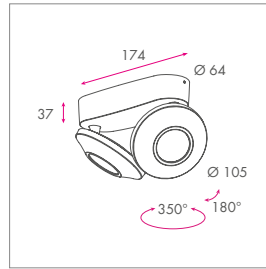
DRIVER 230V ind.
 IP20
 0.5
 SR 20°-40°
 9016 TEX 9006 TEX 9005 TEX
 PLEXI
 5Y 20khr guarantee

LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
400 lm	3,4W 3,4W 3,4W	90	2700K 3000K 4000K	5,0W 5,0W 5,0W	A A+ A+	DALI/1-10V
600 lm	4,4W 4,4W 4,4W	90	2700K 3000K 4000K	6,0W 6,0W 6,0W	A+ A+ A+	DALI/1-10V
800 lm	6,5W 6,5W 6,5W	90	2700K 3000K 4000K	8,1W 8,1W 8,1W	A+ A+ A+	DALI/1-10V
1000 lm	8,7W 8,7W 8,7W	90	2700K 3000K 4000K	10,5W 10,5W 10,5W	A+ A+ A+	DALI/1-10V

ONIS TWIN



ONIS TWIN 2x LED



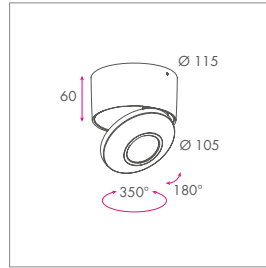
DRIVER 230V ind.
 IP20
 0.6
 SR 20°-40°
 9016 TEX 9006 TEX 9005 TEX
 PLEXI
 5Y 20khr guarantee

LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2x 400 lm	2x 3,4W 2x 3,4W 2x 3,4W	90	2700K 3000K 4000K	9,4W 9,4W 9,4W	A A+ A+	DALI/1-10V
2x 600 lm	2x 4,4W 2x 4,4W 2x 4,4W	90	2700K 3000K 4000K	11,4W 11,4W 11,4W	A+ A+ A+	DALI/1-10V
2x 800 lm	2x 6,5W 2x 6,5W 2x 6,5W	90	2700K 3000K 4000K	15,6W 15,6W 15,6W	A+ A+ A+	DALI/1-10V
2x 1000 lm	2x 8,7W 2x 8,7W 2x 8,7W	90	2700K 3000K 4000K	20,0W 20,0W 20,0W	A+ A+ A+	DALI/1-10V

ONIS SPLIT



ONIS SPLIT LED



DRIVER 230V ind.
 IP20
 0.6
 SR 20°-40°
 9016 TEX 9006 TEX 9005 TEX
 PLEXI
 5Y 20khr guarantee

LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
400 lm	3,4W 3,4W 3,4W	90	2700K 3000K 4000K	5,0W 5,0W 5,0W	A A+ A+	DALI/1-10V
600 lm	4,4W 4,4W 4,4W	90	2700K 3000K 4000K	6,0W 6,0W 6,0W	A+ A+ A+	DALI/1-10V
800 lm	6,5W 6,5W 6,5W	90	2700K 3000K 4000K	8,1W 8,1W 8,1W	A+ A+ A+	DALI/1-10V
1000 lm	8,7W 8,7W 8,7W	90	2700K 3000K 4000K	10,5W 10,5W 10,5W	A+ A+ A+	DALI/1-10V

MOUNTING



OPTIONS



MOUNTING



TUBE AIR

OPTIONS

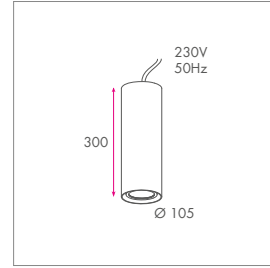


all re-colours

TUBE UP 300



TUBE UP 300 LED



		DRIVER	IP20	SR	GR	9016 TEX	5Y
		230V incl.		1.6	15° - 25° 40° - 55°	9006 TEX 9005 TEX	20khr
LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM	
1500 lm	16,8W	-	MEAT	19,2W	A	DALI	
1500 lm	18,5W	-	GOLD	20,9W	A	DALI	
2000 lm	16,8W	92	2700K	19,1W	A+	DALI	
	17,1W	92	3000K	19,4W	A+		
	17,1W	92	4000K	19,4W	A+		
2000 lm	16,6W	92	CW	18,9W	A	DALI	
2100 lm	26,0W	-	MEAT	30,3W	A	DALI	
2100 lm	30,2W	-	GOLD	34,5W	A	DALI	
2500 lm	19,6W	92	2700K	23,1W	A+	DALI	
	20,1W	92	3000K	23,3W	A+		
	20,9W	92	4000K	23,1W	A+		
2800 lm	37,8W	-	MEAT	42,5W	A	DALI	
2800 lm	44,8W	-	GOLD	49,5W	A	DALI	
3000 lm	24,9W	92	2700K	29,0W	A+	DALI	
	23,7W	92	3000K	27,3W	A+		
	24,8W	92	4000K	28,4W	A+		
3000 lm	29,1W	92	CW	33,7W	A	DALI	
3500 lm	28,5W	92	2700K	33,1W	A+	DALI	
	29,3W	92	3000K	33,5W	A+		
	24,8W	92	4000K	28,9W	A+		
4000 lm	34,0W	92	2700K	37,7W	A+	DALI	
	32,0W	92	3000K	37,1W	A+		
	28,4W	92	4000K	33,0W	A+		
4000 lm	42,4W	92	CW	46,4W	A	DALI	
4500 lm	39,6W	92	2700K	43,8W	A+	DALI	
	35,7W	92	3000K	39,6W	A+		
	33,9W	92	4000K	39,1W	A+		
5000 lm	45,3W	92	2700K	50,0W	A+	DALI	
	41,3W	92	3000K	45,3W	A+		
	39,4W	92	4000K	43,6W	A+		

MOUNTING



QUBE AIR

OPTIONS

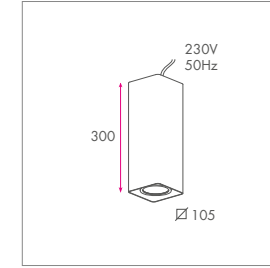


all re-colours

QUBE UP 300



QUBE UP 300 LED



		DRIVER	IP20	SR	GR	9016 TEX	5Y
		230V incl.		1.6	15° - 25° 40° - 55°	9006 TEX 9005 TEX	20khr
LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM	
1500 lm	16,8W	-	MEAT	19,2W	A	DALI	
1500 lm	18,5W	-	GOLD	20,9W	A	DALI	
2000 lm	16,8W	92	2700K	19,1W	A+	DALI	
	17,1W	92	3000K	19,4W	A+		
	17,1W	92	4000K	19,4W	A+		
2000 lm	16,6W	92	CW	18,9W	A	DALI	
2100 lm	26,0W	-	MEAT	30,3W	A	DALI	
2100 lm	30,2W	-	GOLD	34,5W	A	DALI	
2500 lm	19,6W	92	2700K	23,1W	A+	DALI	
	20,1W	92	3000K	23,3W	A+		
	20,9W	92	4000K	23,1W	A+		
2800 lm	37,8W	-	MEAT	42,5W	A	DALI	
2800 lm	44,8W	-	GOLD	49,5W	A	DALI	
3000 lm	24,9W	92	2700K	29,0W	A+	DALI	
	23,7W	92	3000K	27,3W	A+		
	24,8W	92	4000K	28,4W	A+		
3000 lm	29,1W	92	CW	33,7W	A	DALI	
3500 lm	28,5W	92	2700K	33,1W	A+	DALI	
	29,3W	92	3000K	33,5W	A+		
	24,8W	92	4000K	28,9W	A+		
4000 lm	34,0W	92	2700K	37,7W	A+	DALI	
	32,0W	92	3000K	37,1W	A+		
	28,4W	92	4000K	33,0W	A+		
4000 lm	42,4W	92	CW	46,4W	A	DALI	
4500 lm	39,6W	92	2700K	43,8W	A+	DALI	
	35,7W	92	3000K	39,6W	A+		
	33,9W	92	4000K	39,1W	A+		
5000 lm	45,3W	92	2700K	50,0W	A+	DALI	
	41,3W	92	3000K	45,3W	A+		
	39,4W	92	4000K	43,6W	A+		

MOUNTING



TUBE AIR

OPTIONS

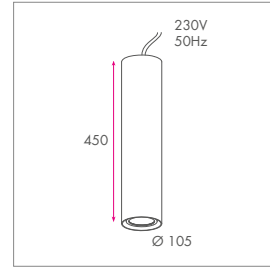


all re-colours

TUBE UP 450



TUBE UP 450 LED



		DRIVER	IP20	SR	GR	9016 TEX	5Y
		230V incl.		1.9	15° - 25° 40° - 55°	9006 TEX 9005 TEX	20khr
LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM	
1500 lm	16,8W	-	MEAT	19,2W	A	DALI	
1500 lm	18,5W	-	GOLD	20,9W	A	DALI	
2000 lm	16,8W	92	2700K	19,1W	A+	DALI	
	17,1W	92	3000K	19,4W	A+		
	17,1W	92	4000K	19,4W	A+		
2000 lm	16,6W	92	CW	18,9W	A	DALI	
2100 lm	26,0W	-	MEAT	30,3W	A	DALI	
2100 lm	30,2W	-	GOLD	34,5W	A	DALI	
2500 lm	19,6W	92	2700K	23,1W	A+	DALI	
	20,1W	92	3000K	23,3W	A+		
	20,9W	92	4000K	23,1W	A+		
2800 lm	37,8W	-	MEAT	42,5W	A	DALI	
2800 lm	44,8W	-	GOLD	49,5W	A	DALI	
3000 lm	24,9W	92	2700K	29,0W	A+	DALI	
	23,7W	92	3000K	27,3W	A+		
	24,8W	92	4000K	28,4W	A+		
3000 lm	29,1W	92	CW	33,7W	A	DALI	
3500 lm	28,5W	92	2700K	33,1W	A+	DALI	
	29,3W	92	3000K	33,5W	A+		
	24,8W	92	4000K	28,9W	A+		
4000 lm	34,0W	92	2700K	37,7W	A+	DALI	
	32,0W	92	3000K	37,1W	A+		
	28,4W	92	4000K	33,0W	A+		
4000 lm	42,4W	92	CW	46,4W	A	DALI	
4500 lm	39,6W	92	2700K	43,8W	A+	DALI	
	35,7W	92	3000K	39,6W	A+		
	33,9W	92	4000K	39,1W	A+		
5000 lm	45,3W	92	2700K	50,0W	A+	DALI	
	41,3W	92	3000K	45,3W	A+		
	39,4W	92	4000K	43,6W	A+		

MOUNTING



QUBE AIR

OPTIONS

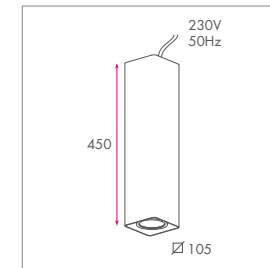


all re-colours

QUBE UP 450



QUBE UP 450 LED



		DRIVER	IP20	SR	GR	9016 TEX	5Y
		230V incl.		1.9	15° - 25° 40° - 55°	9006 TEX 9005 TEX	20khr
LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM	
1500 lm	16,8W	-	MEAT	19,2W	A	DALI	
1500 lm	18,5W	-	GOLD	20,9W	A	DALI	
2000 lm	16,8W	92	2700K	19,1W	A+	DALI	
	17,1W	92	3000K	19,4W	A+		
	17,1W	92	4000K	19,4W	A+		
2000 lm	16,6W	92	CW	18,9W	A	DALI	
2100 lm	26,0W	-	MEAT	30,3W	A	DALI	
2100 lm	30,2W	-	GOLD	34,5W	A	DALI	
2500 lm	19,6W	92	2700K	23,1W	A+	DALI	
	20,1W	92	3000K	23,3W	A+		
	20,9W	92	4000K	23,1W	A+		
2800 lm	37,8W	-	MEAT	42,5W	A	DALI	
2800 lm	44,8W	-	GOLD	49,5W	A	DALI	
3000 lm	24,9W	92	2700K	29,0W	A+	DALI	
	23,7W	92	3000K	27,3W	A+		
	24,8W	92	4000K	28,4W	A+		
3000 lm	29,1W	92	CW	33,7W	A	DALI	
3500 lm	28,5W	92	2700K	33,1W	A+	DALI	
	29,3W	92	3000K	33,5W	A+		
	24,8W	92	4000K	28,9W	A+		
4000 lm	34,0W	92	2700K	37,7W	A+	DALI	
	32,0W	92	3000K	37,1W	A+		
	28,4W	92	4000K	33,0W	A+		
4000 lm	42,4W	92	CW	46,4W	A	DALI	
4500 lm	39,6W	92	2700K	43,8W	A+	DALI	
	35,7W	92	3000K	39,6W	A+		
	33,9W	92	4000K	39,1W	A+		
5000 lm	45,3W	92	2700K	50,0W	A+	DALI	
	41,3W	92	3000K	45,3W	A+		
	39,4W	92	4000K	43,6W	A+		



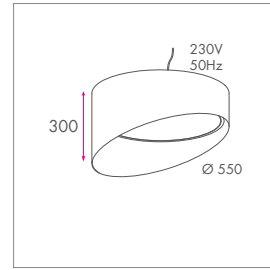
MOUNTING



WAVE 550



WAVE 550 LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2700 lm	22,8W 22,8W	80 80	3000K 4000K	27W 27W	A+ A+	DALI

REMARKS

- Other colors and materials on inside and outside on request
- Optional prismatic plexi

MOUNTING



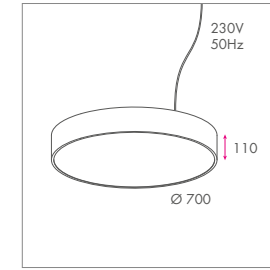
OPTIONS



PLANET UP 700



PLANET UP 700 LED



LAMP POWER	LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
5400 lm	45,6W 45,6W	80 80	3000K 4000K	51W 51W	A+ A+	DALI	

REMARKS

- Optional prismatic plexi

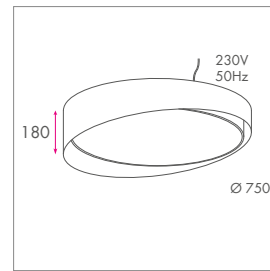
MOUNTING



WAVE 750



WAVE 750 LED

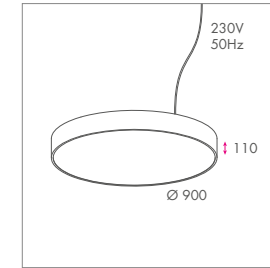


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
5400 lm	45,6W 45,6W	80 80	3000K 4000K	51W 51W	A+ A+	DALI

REMARKS

- Other colors and materials on inside and outside on request
- Optional prismatic plexi

PLANET UP 900 LED



LAMP POWER	LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
9000 lm	76W 76W	80 80	3000K 4000K	85W 85W	A+ A+	DALI	
13000 lm	106,4W 106,4W	80 80	3000K 4000K	117W 117W	A+ A+	DALI	

REMARKS

- Optional prismatic plexi

MOUNTING



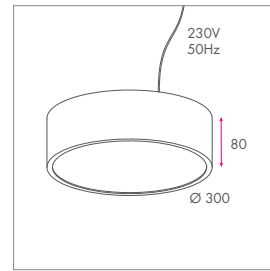
OPTIONS



PLANET UP 300

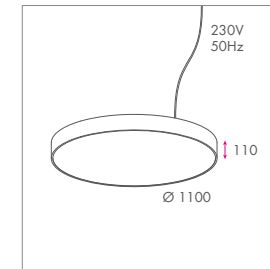


PLANET UP 300 LED



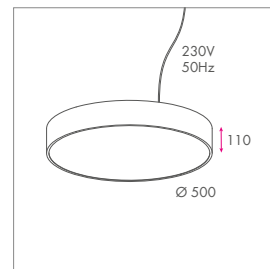
LAMP POWER	LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2500 lm			80 80	3000K 4000K	20,3W 20,3W	A+ A+	DALI

PLANET UP 1100 LED



LAMP POWER	LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
13000 lm	106,4W 106,4W	80 80	3000K 4000K	117W 117W	A+ A+	DALI	

PLANET UP 500 LED



LAMP POWER	LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2700 lm	22,8W 22,8W	80 80	3000K 4000K	27W 27W	A+ A+	DALI	

REMARKS

- Optional prismatic plexi



MOUNTING



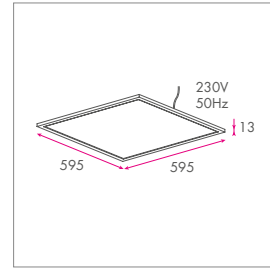
MODITO

MODITO AIR

MODITO UP



MODITO UP LED



LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL	DIM
4000 lm	80	3000K	35V 35V	A+	DAU
	80	4000K		A+	

REMARKS

- Also available with prismatic diffusor (UGR<19)

MOUNTING

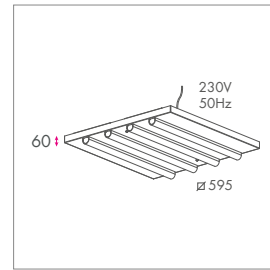


POLLUX

POLLUX UP



POLLUX UP 4x LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL
4x 1250 lm	26,0W	80	3000K	29,7W	A++
	26,0W	80	4000K	29,7W	A++

OPTIONS

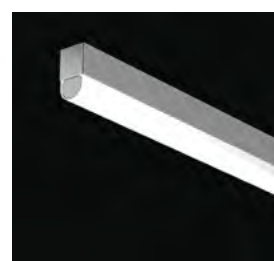


MOUNTING

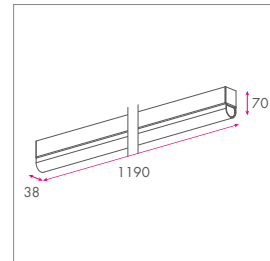


TALGO

TALGO UP



TALGO UP 2x LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2x 1250 lm	13,0W	80	3000K	15,6W	A++	DAU
	13,0W	80	4000K	15,6W	A++	
2x 2200 lm	24,8W	80	3000K	28,4W	A++	DAU
	24,8W	80	4000K	28,4W	A++	
2x 3000 lm	34,8W	80	3000K	39,2W	A++	DAU
	34,8W	80	4000K	39,2W	A++	

OPTIONS



MOUNTING

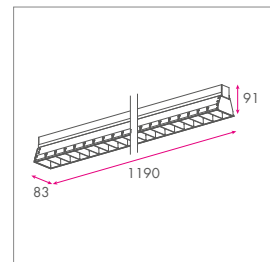


TALGO

TALGO UP BAP

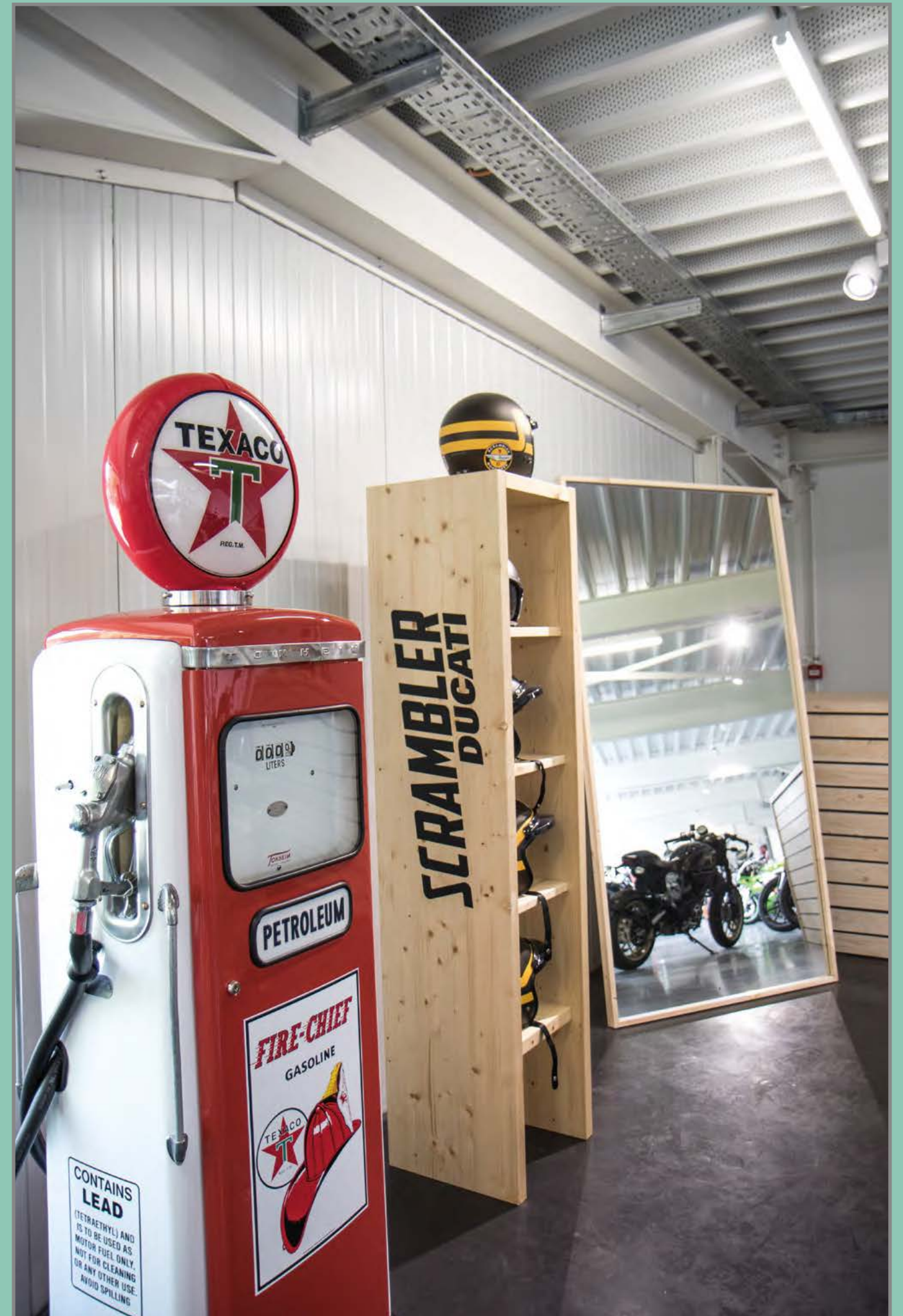


TALGO UP BAP 2x LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2x 1250 lm	13,0W	80	3000K	15,6W	A++	DAU
	13,0W	80	4000K	15,6W	A++	
2x 2200 lm	24,8W	80	3000K	28,4W	A++	DAU
	24,8W	80	4000K	28,4W	A++	
2x 3000 lm	34,8W	80	3000K	39,2W	A++	DAU
	34,8W	80	4000K	39,2W	A++	

OPTIONS





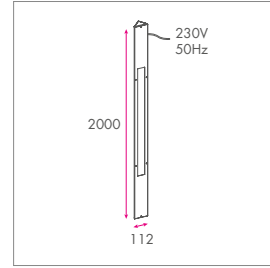
MOUNTING



TRILADA



TRILADA LED

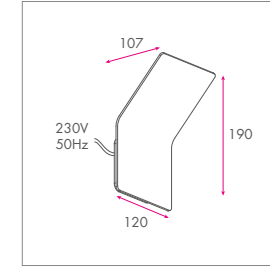


DRIVER	LED	IP20	5	9016 TEX	9006 TEX	9005 TEX	PLEXI	5Y 20khr guarantee
LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEI			
1600 lm	8,8W	80	3000K	10,8W	A++			

ONDA



ONDA LED



DRIVER	LED	IP20	0.7	9016 TEX	9006 TEX	9005 TEX	PLEXI	5Y 20khr guarantee
LUM. FLUX	CRI	CCT	SYSTEM PWR	EEI				
320 lm	80	3000K	4W	A				

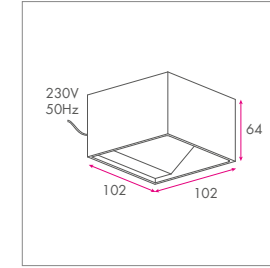
MOUNTING



CUBIX



CUBIX LED



DRIVER	LED	IP20	0.7	9016 TEX	9006 TEX	9005 TEX	PLEXI	5Y 20khr guarantee
LUM. FLUX	CRI	CCT	SYSTEM PWR	EEI				
320 lm	80	3000K	4W	A				

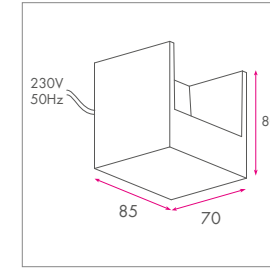
MOUNTING



ZQUADRA



ZQUADRA LED



DRIVER	LED	IP54	0.6	9016 TEX	9006 TEX	9005 TEX	PLEXI	5Y 20khr guarantee
LUM. FLUX	CRI	CCT	SYSTEM PWR	EEI				
200 lm	80	3000K	4W	A				

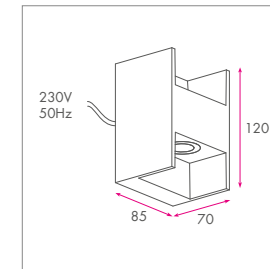
MOUNTING



ZQUADRA UP-DOWN



ZQUADRA UP-DOWN 2x LED



DRIVER	LED	IP54	0.7	9016 TEX	9006 TEX	9005 TEX	PLEXI	5Y 20khr guarantee
LUM. FLUX	CRI	CCT	SYSTEM PWR	EEI				
2x 200 lm	80	3000K	8W	A				

MOUNTING



AS Adventure/ BE - Gent

MOUNTING

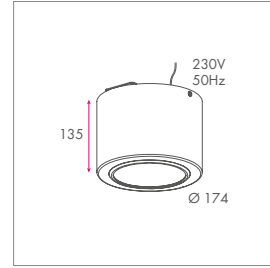


EROS 170

EROS 170 UP



EROS 170 UP LED



LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL
1100 lm	80	3000K	9,5W	A+
	80	4000K	9,5W	A+
2000 lm	80	3000K	17,5W	A+
	80	4000K	17,5W	A+
3000 lm	80	3000K	26,5W	A+
	80	4000K	26,5W	A+

MOUNTING

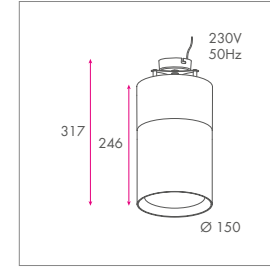


RONDO JR.

RONDO JR. FLOAT



RONDO JR. FLOAT LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL
1500 lm	16,8W	-	MEAT	19,2W	A
1500 lm	18,5W	-	GOLD	20,9W	A
2000 lm	16,8W	92	2700K	19,1W	A+
	17,1W	92	3000K	19,4W	A+
	17,1W	92	4000K	19,4W	A+
2000 lm	16,6W	92	CW	18,9W	A
2100 lm	26,0W	-	MEAT	30,3W	A
2100 lm	30,2W	-	GOLD	34,5W	A
2500 lm	19,6W	92	2700K	23,1W	A+
	20,1W	92	3000K	23,3W	A+
	20,9W	92	4000K	23,1W	A+
2800 lm	37,8W	-	MEAT	42,5W	A
2800 lm	44,8W	-	GOLD	49,5W	A
3000 lm	24,9W	92	2700K	29,0W	A+
	23,7W	92	3000K	27,3W	A+
	24,8W	92	4000K	28,4W	A+
3000 lm	29,1W	92	CW	33,7W	A
3500 lm	28,5W	92	2700K	33,1W	A+
	29,3W	92	3000K	33,5W	A+
	24,8W	92	4000K	28,9W	A+
4000 lm	34,0W	92	2700K	37,7W	A+
	32,0W	92	3000K	37,1W	A+
	28,4W	92	4000K	33,0W	A+
4000 lm	42,4W	92	CW	46,4W	A
4500 lm	39,6W	92	2700K	43,8W	A+
	35,7W	92	3000K	39,6W	A+
	33,9W	92	4000K	39,1W	A+

MOUNTING

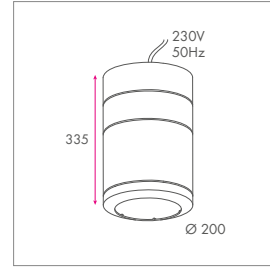


NUDE UP

NUDE UP



NUDE UP LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1500 lm	16,8W	-	MEAT	19,2W	A	DALI
1500 lm	18,5W	-	GOLD	20,9W	A	DALI
2000 lm	16,8W	92	2700K	19,1W	A+	DALI
	17,1W	92	3000K	19,4W	A+	
	17,1W	92	4000K	19,4W	A+	
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W	92	2700K	23,1W	A+	DALI
	20,1W	92	3000K	23,3W	A+	
	20,9W	92	4000K	23,1W	A+	
2800 lm	37,8W	-	MEAT	42,5W	A	DALI
2800 lm	44,8W	-	GOLD	49,5W	A	DALI
3000 lm	24,9W	92	2700K	29,0W	A+	DALI
	23,7W	92	3000K	27,3W	A+	
	24,8W	92	4000K	28,4W	A+	
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W	92	2700K	33,1W	A+	DALI
	29,3W	92	3000K	33,5W	A+	
	24,8W	92	4000K	28,9W	A+	
4000 lm	34,0W	92	2700K	37,7W	A+	DALI
	32,0W	92	3000K	37,1W	A+	
	28,4W	92	4000K	33,0W	A+	
4000 lm	42,4W	92	CW	46,4W	A	DALI
4500 lm	39,6W	92	2700K	43,8W	A+	DALI
	35,7W	92	3000K	39,6W	A+	
	33,9W	92	4000K	39,1W	A+	

MOUNTING

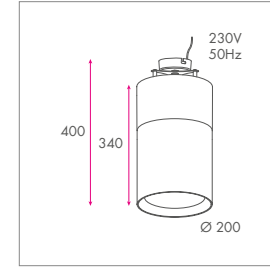


RONDO

RONDO FLOAT



RONDO FLOAT LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL
1500 lm	16,8W	-	MEAT	19,2W	A
1500 lm	18,5W	-	GOLD	20,9W	A
2000 lm	16,8W	92	2700K	19,1W	A+
	17,1W	92	3000K	19,4W	A+
	17,1W	92	4000K	19,4W	A+
2000 lm	16,6W	92	CW	18,9W	A
2100 lm	26,0W	-	MEAT	30,3W	A
2100 lm	30,2W	-	GOLD	34,5W	A
2500 lm	19,6W	92	2700K	23,1W	A+
	20,1W	92	3000K	23,3W	A+
	20,9W	92	4000K	23,1W	A+
2800 lm	37,8W	-	MEAT	42,5W	A
2800 lm	44,8W	-	GOLD	49,5W	A
3000 lm	24,9W	92	2700K	29,0W	A+
	23,7W	92	3000K	27,3W	A+
	24,8W	92	4000K	28,4W	A+
3000 lm	29,1W	92	CW	33,7W	A
3500 lm	28,5W	92	2700K	33,1W	A+
	29,3W	92	3000K	33,5W	A+
	24,8W	92	4000K	28,9W	A+
4000 lm	34,0W	92	2700K	37,7W	A+
	32,0W	92	3000K	37,1W	A+
	28,4W	92	4000K	33,0W	A+
4500 lm	39,6W	92	2700K	43,8W	A+
	35,7W	92	3000K	39,6W	A+
	33,9W	92	4000K	39,1W	A+

OPTIONS

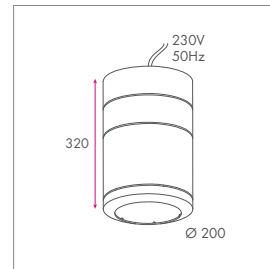


all colours

NUDE UP



NUDE UP HIT



LAMP POWER	LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL
35W EU	4000 lm	90	3000K	42W	A+
	3800 lm	90	4200K	42W	A+
35W EVO	4300 lm	90	3000K	42W	A+
50W EU	5400 lm	90	3000K	55W	A+
	5000 lm	90	4200K	55W	A+
70W EU	7800 lm	90	3000K	80W	A+
	7500 lm	90	4200K	80W	A+
70W EVO	8800 lm	90	3000K	80W	A+

ACCESSORIES / OPTIONS





MOUNTING



LATERNA

LATERNA AIR

OPTIONS



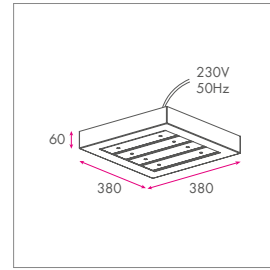
ADAPTORS

- fix LK
- fix LF

LATERNA UP



LATERNA UP LED

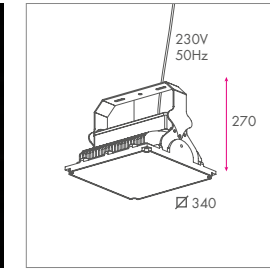


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
6000 lm	45,6W 45,6W	90	3000K 4000K	50W 50W	A++ A++	DALI
8000 lm	62,8W 62,8W	90	3000K 4000K	68W 68W	A++ A++	DALI
10000 lm	84,0W 84,0W	90	3000K 4000K	90W 90W	A++ A++	DALI
10000 lm	62,8W 62,8W	80	3000K 4000K	68W 68W	A++ A++	DALI
12000 lm	84,0W 84,0W	80	3000K 4000K	90W 90W	A++ A++	DALI

SOLAR UP



SOLAR UP LED



LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL
13500 lm	80	4000K	104W	A++
22000 lm	80	4000K	166W	A++

MOUNTING



SOLAR AIR

MOUNTING

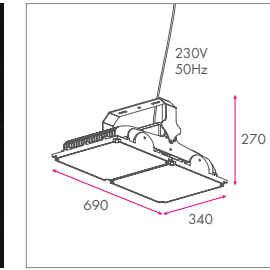


SOLAR AIR

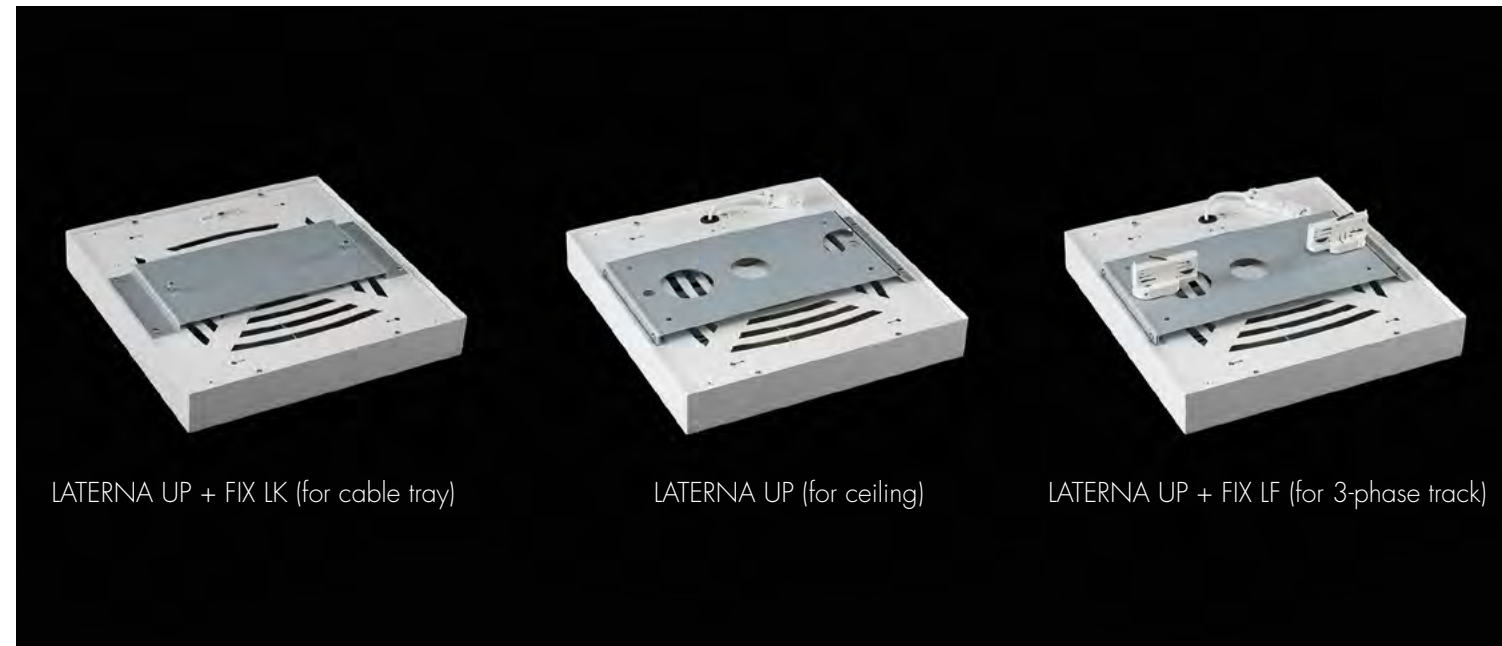
SOLAR II UP



SOLAR II UP LED



LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL
43500 lm	80	4000K	332W	A++



LATERNA UP + FIX LK (for cable tray)

LATERNA UP (for ceiling)

LATERNA UP + FIX LF (for 3-phase track)





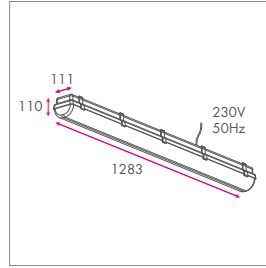
MOUNTING



PRIMA

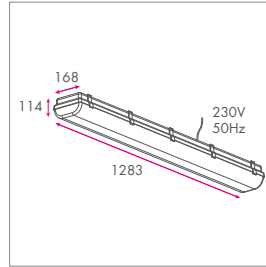


PRIMA T5 1200



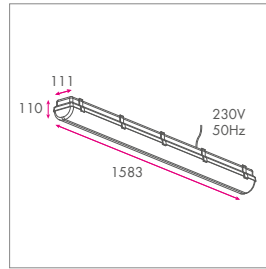
LAMP POWER	LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL
28W	2600 lm 2600 lm	80	3000K 4000K	31W 31W	A+ A+
54W	4450 lm 4450 lm	80	3000K 4000K	59W 59W	A A

PRIMA 2x T5 1200



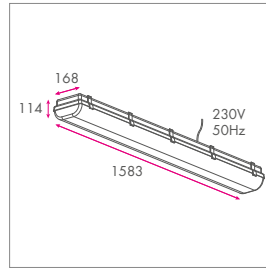
LAMP POWER	LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL
2x28W	5200 lm 5200 lm	80	3000K 4000K	61W 61W	A+ A+
2x54W	8900 lm 8900 lm	80	3000K 4000K	118W 118W	A A

PRIMA T5 1500



LAMP POWER	LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL
35W	3300 lm 3300 lm	80	3000K 4000K	38W 38W	A+ A+
49W	4100 lm 4100 lm	80	3000K 4000K	54W 54W	A A
80W	6150 lm 6150 lm	80	3000K 4000K	88W 88W	A A

PRIMA 2x T5 1500



LAMP POWER	LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL
2x35W	6600 lm 6600 lm	80	3000K 4000K	77W 77W	A+ A+
2x49W	8200 lm 8200 lm	80	3000K 4000K	108W 108W	A A

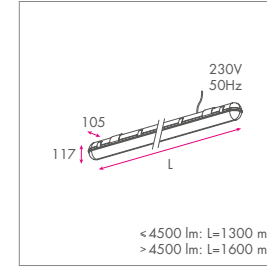
MOUNTING



PRIMA III



PRIMA III LED



LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL
4000 lm	80	4000K	31W	A++
4500 lm	80	3000K 4000K	31W 31W	A++ A++
5000 lm	80	4000K	41W	A+
6000 lm	80	3000K 4000K	41W 41W	A++ A++
8500 lm	80	4000K	68W	A++
10000 lm	80	4000K	68W	A++

REMARKS

- Suitable for temperatures down to -20°C for 4000/840, 5000/840 and 8500/840



Loisi de Flandres, Karting/ FR - Hazebrouck / Jean Pierre Luchier Electricité



Loisi de Flandres, Karting/ FR - Hazebrouck / Jean Pierre Luchier Electricité



Suspended

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MOUNTING



IZARO



IZARO UP

OPTIONS



SUSPENSION

- fix F
- fix L

MOUNTING



OPTIONS



SUSPENSION

- fix K
- fix T
- fix TU

MOUNTING



OPTIONS



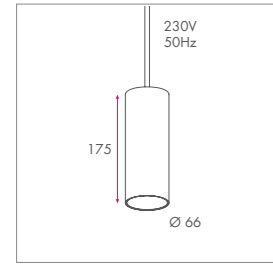
SUSPENSION

- fix K
- fix T
- fix TU

IZARO AIR



IZARO AIR LED

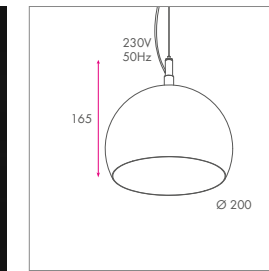


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM	
500 lm	3,6W 3,6W	90	2700K 3000K	5,1W 5,1W	A+ A+		
1000 lm	9,0W 9,0W	90	2700K 3000K	11,4W 11,4W	A+ A+		
1500 lm	13,4W 13,4W	90	2700K 3000K	15,0W 15,0W	A+ A+	LE-TE	

GLOBO 200



GLOBO 200 E27



LAMP POWER	EEL	DIM				
max 20W	A+ _D	TE _{LE}				

REMARKS

- Dimming depends on lamp type

MOUNTING



OPTIONS



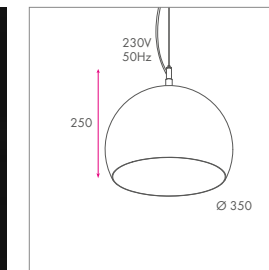
SUSPENSION

- fix K
- fix T
- fix TU

GLOBO 350



GLOBO 350 E27



LAMP POWER	EEL	DIM				
max 20W	A+ _D	TE _{LE}				

REMARKS

- Dimming depends on lamp type

MOUNTING



OPTIONS



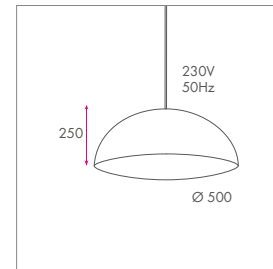
SUSPENSION

- fix K
- fix T
- fix TU

DOME MINI



DOME MINI E27



LAMP POWER	EEL	DIM				
max 20W	A+ _D	TE _{LE}				

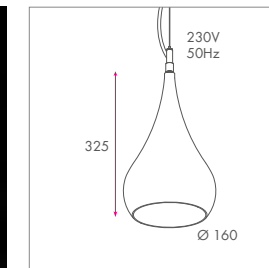
REMARKS

- Dimming depends on lamp type

CORNO 300



CORNO 300 E27



LAMP POWER	EEL	DIM				
max 20W	A+ _D	TE _{LE}				

REMARKS

- Dimming depends on lamp type

MOUNTING



OPTIONS



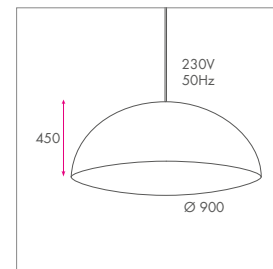
SUSPENSION

- fix K
- fix T
- fix TU

DOME



DOME E27



LAMP POWER	EEL	DIM				
max 20W	A+ _D	TE _{LE}				

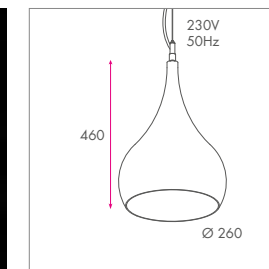
REMARKS

- Dimming depends on lamp type

CORNO 460



CORNO 460 E27



LAMP POWER	EEL	DIM				
max 20W	A+ _D	TE _{LE}				

REMARKS

- Dimming depends on lamp type



MOUNTING



OPTIONS



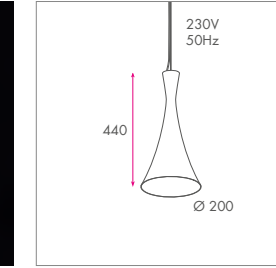
SUSPENSION

- fix K
- fix T
- fix TU

VASO 440 LINEA



VASO 440 LINEA E27



LAMP POWER	EEL	DIM
max 20W	A+_D	TE_LE

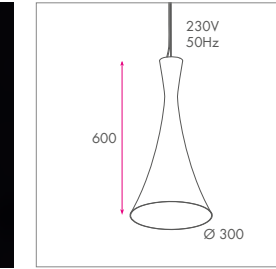
REMARKS

- Dimming depends on lamp type

VASO 600 LINEA



VASO 600 LINEA E27



LAMP POWER	EEL	DIM
max 20W	A+_D	TE_LE

REMARKS

- Dimming depends on lamp type



Moto's Hautekiet/ BE - Ruddervoorde

MOUNTING



TUBE UP

OPTIONS



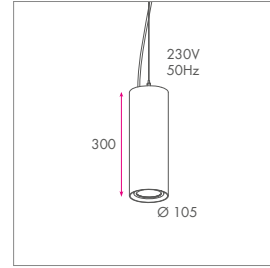
SUSPENSION

- fix I
- fix J
- fix K
- fix T
- fix TU
- fix GQ

TUBE AIR 300



TUBE AIR 300 LED



DRIVER		IP20		SR		GR		9016 TEX 9006 TEX 9005 TEX		5Y 20khr guarantee	
230V ind.				1.6 15° - 25° 40° - 55°		40°					
LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM					
1000 lm	7,3W 7,5W 7,5W	92	2700K 3000K 4000K	9,3W 9,5W 9,5W	A+ A+ A+	DALI					
1000 lm	8,1W	92	CW	10,1W	A	DALI					
1500 lm	11,5W 11,6W 11,6W	92	2700K 3000K 4000K	13,7W 13,8W 13,8W	A+ A+ A+	DALI					
1500 lm	16,8W	-	MEAT	19,2W	A	DALI					
1500 lm	18,5W	-	GOLD	20,9W	A	DALI					
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+	DALI					
2000 lm	16,6W	92	CW	18,9W	A	DALI					
2100 lm	26,0W	-	MEAT	30,3W	A	DALI					
2100 lm	30,2W	-	GOLD	34,5W	A	DALI					
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+	DALI					
2800 lm	37,8W	-	MEAT	42,5W	A	DALI					
2800 lm	44,8W	-	GOLD	49,5W	A	DALI					
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DALI					
3000 lm	29,1W	92	CW	33,7W	A	DALI					
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DALI					
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+	DALI					
4000 lm	42,4W	92	CW	46,4W	A	DALI					
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+	DALI					

REMARKS

- Dimming depends on lamp type

MOUNTING



TUBE UP

OPTIONS



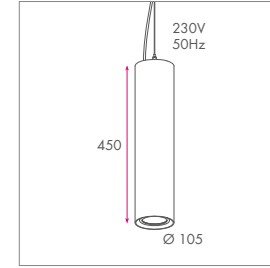
SUSPENSION

- fix I
- fix J
- fix K
- fix T
- fix TU
- fix GQ

TUBE AIR 450



TUBE AIR 450 LED

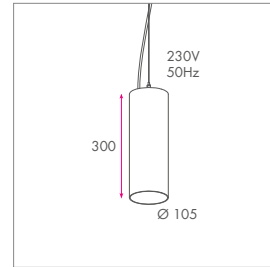


DRIVER		IP20		SR		GR		9016 TEX 9006 TEX 9005 TEX		5Y 20khr guarantee	
230V ind.				1.9 15° - 25° 40° - 55°		40°					
LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM					
1000 lm	7,3W 7,5W 7,5W	92	2700K 3000K 4000K	9,3W 9,5W 9,5W	A+ A+ A+	DALI					
1000 lm	8,1W	92	CW	10,1W	A	DALI					
1500 lm	11,5W 11,6W 11,6W	92	2700K 3000K 4000K	13,7W 13,8W 13,8W	A+ A+ A+	DALI					
1500 lm	16,8W	-	MEAT	19,2W	A	DALI					
1500 lm	18,5W	-	GOLD	20,9W	A	DALI					
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+	DALI					
2000 lm	16,6W	92	CW	18,9W	A	DALI					
2100 lm	26,0W	-	MEAT	30,3W	A	DALI					
2100 lm	30,2W	-	GOLD	34,5W	A	DALI					
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+	DALI					
2800 lm	37,8W	-	MEAT	42,5W	A	DALI					
2800 lm	44,8W	-	GOLD	49,5W	A	DALI					
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DALI					
3000 lm	29,1W	92	CW	33,7W	A	DALI					
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DALI					
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+	DALI					
4000 lm	42,4W	92	CW	46,4W	A	DALI					
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+	DALI					

TUBE AIR 300



TUBE AIR 300 E27



E27		IP20		1.0		0.3		9016 TEX 9006 TEX 9005 TEX		5Y 20khr guarantee	
230V											
LAMP POWER	EEL	DIM									
max 20W	A+_D	TE_LE									



La maison du vapoteur / FR - Saint-Jans-Cappel

MOUNTING



TUBE UP



TORBIO

OPTIONS



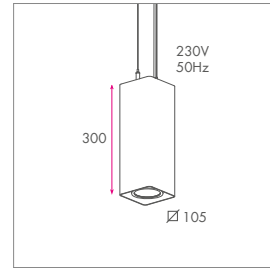
SUSPENSION

- fix 2I
- fix 2J
- fix K
- fix 2T
- fix TU
- fix 2GQ

QUBE AIR 300



QUBE AIR 300 LED



DRIVER 230V ind.
 IP20
 1.6
 SR 15°-25° 40°-55°
 GR 40°
 9016 TEX 9006 TEX 9005 TEX
 5Y 20khr guarantee

LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1000 lm	7,3W 7,5W 7,5W	92	2700K, 3000K, 4000K	9,3W 9,5W 9,5W	A+	DALI
1000 lm	8,1W	92	CW	10,1W	A	DALI
1500 lm	11,5W 11,6W 11,6W	92	2700K, 3000K, 4000K	13,7W 13,8W 13,8W	A+	DALI
1500 lm	16,8W	-	MEAT	19,2W	A	DALI
1500 lm	18,5W	-	GOLD	20,9W	A	DALI
2000 lm	16,8W 17,1W 17,1W	92	2700K, 3000K, 4000K	19,1W 19,4W 19,4W	A+	DALI
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W 20,1W 20,9W	92	2700K, 3000K, 4000K	23,1W 23,3W 23,1W	A+	DALI
2800 lm	37,8W	-	MEAT	42,5W	A	DALI
2800 lm	44,8W	-	GOLD	49,5W	A	DALI
3000 lm	24,9W 23,7W 24,8W	92	2700K, 3000K, 4000K	29,0W 27,3W 28,4W	A+	DALI
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W 29,3W 24,8W	92	2700K, 3000K, 4000K	33,1W 33,5W 28,9W	A+	DALI
4000 lm	34,0W 32,0W 28,4W	92	2700K, 3000K, 4000K	37,7W 37,1W 33,0W	A+	DALI
4000 lm	42,4W	92	CW	46,4W	A	DALI
4500 lm	39,6W 35,7W 33,9W	92	2700K, 3000K, 4000K	43,8W 39,6W 39,1W	A+	DALI

MOUNTING



TUBE UP



OPTIONS



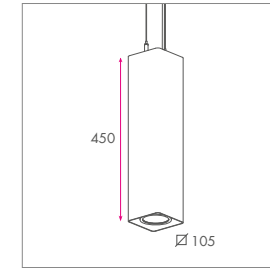
SUSPENSION

- fix 2I
- fix 2J
- fix K
- fix 2T
- fix TU
- fix 2GQ

QUBE AIR 450



QUBE AIR 450 LED



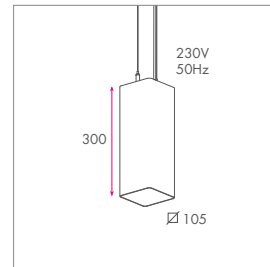
DRIVER 230V ind.
 IP20
 1.9
 SR 15°-25° 40°-55°
 GR 40°
 9016 TEX 9006 TEX 9005 TEX
 5Y 20khr guarantee

LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1000 lm	7,3W 7,5W 7,5W	92	2700K, 3000K, 4000K	9,3W 9,5W 9,5W	A+	DALI
1000 lm	8,1W	92	CW	10,1W	A	DALI
1500 lm	11,5W 11,6W 11,6W	92	2700K, 3000K, 4000K	13,7W 13,8W 13,8W	A+	DALI
1500 lm	16,8W	-	MEAT	19,2W	A	DALI
1500 lm	18,5W	-	GOLD	20,9W	A	DALI
2000 lm	16,8W 17,1W 17,1W	92	2700K, 3000K, 4000K	19,1W 19,4W 19,4W	A+	DALI
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W 20,1W 20,9W	92	2700K, 3000K, 4000K	23,1W 23,3W 23,1W	A+	DALI
2800 lm	37,8W	-	MEAT	42,5W	A	DALI
2800 lm	44,8W	-	GOLD	49,5W	A	DALI
3000 lm	24,9W 23,7W 24,8W	92	2700K, 3000K, 4000K	29,0W 27,3W 28,4W	A+	DALI
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W 29,3W 24,8W	92	2700K, 3000K, 4000K	33,1W 33,5W 28,9W	A+	DALI
4000 lm	34,0W 32,0W 28,4W	92	2700K, 3000K, 4000K	37,7W 37,1W 33,0W	A+	DALI
4000 lm	42,4W	92	CW	46,4W	A	DALI
4500 lm	39,6W 35,7W 33,9W	92	2700K, 3000K, 4000K	43,8W 39,6W 39,1W	A+	DALI

QUBE AIR 300



QUBE AIR 300 E27



E27
 230V
 IP20
 1.0
 0.3
 9016 TEX 9006 TEX 9005 TEX
 5Y 20khr guarantee

LAMP POWER	EEL	DIM
max 20W	A+_D	TE_LE

REMARKS

- Dimming depends on lamp type

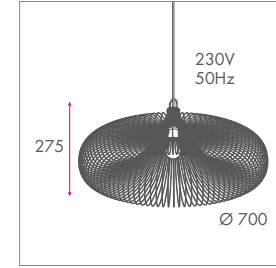
MOUNTING



BALOON



BALOON E27



LAMP POWER	EEL	DIM
max 20W	A+_D	TE_IE

REMARKS

- black supply cable included of 1,5 m and fix for ceiling
- Dimming depends on lamp type

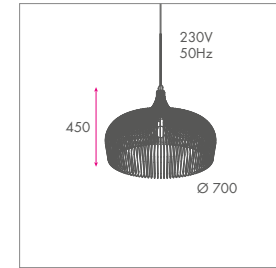
MOUNTING



FACTORY



FACTORY E27



LAMP POWER	EEL	DIM
max 20W	A+_D	TE_IE

REMARKS

- black supply cable included of 1,5 m and fix for ceiling
- Dimming depends on lamp type

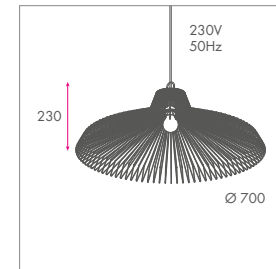
MOUNTING



WORKER



WORKER E27



LAMP POWER	EEL	DIM
max 20W	A+_D	TE_IE

REMARKS

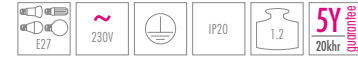
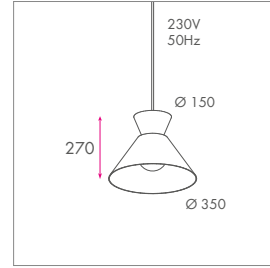
- black supply cable included of 1,5 m and fix for ceiling
- Dimming depends on lamp type





MOUNTING**SUSPENSION**

- fix F
- fix L

ARCO 350**ARCO 350 E27**

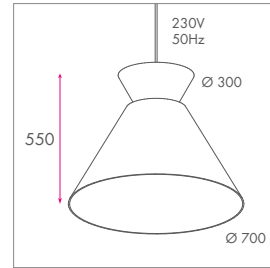
LAMP POWER	EEL	DIM
max 20W	A+_D	IE-TE

REMARKS

- Other colors and materials on inside and outside on request
- Dimming depends on lamp type

MOUNTING**SUSPENSION**

- fix F
- fix L

ARCO 700**ARCO 700 E27**

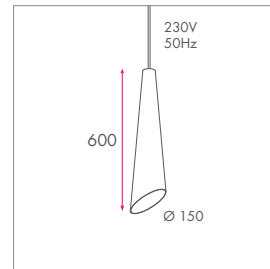
LAMP POWER	EEL	DIM
max 20W	A+_D	IE-TE

REMARKS

- Other colors and materials on inside and outside on request
- Dimming depends on lamp type

MOUNTING**SUSPENSION**

- fix F
- fix L

CORNETTA**CORNETTA E27**

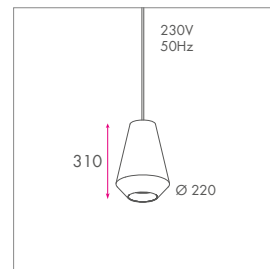
LAMP POWER	EEL	DIM
max 20W	A+_D	IE-TE

REMARKS

- Other colors and materials on inside and outside on request
- Dimming depends on lamp type

MOUNTING**SUSPENSION**

- fix F
- fix L

BOZZO 220**BOZZO 220 E27**

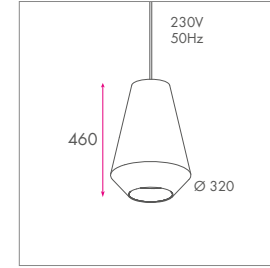
LAMP POWER	EEL	DIM
max 20W	A+_D	IE-TE

REMARKS

- Other colors and materials on inside and outside on request
- Dimming depends on lamp type

MOUNTING**SUSPENSION**

- fix F
- fix L

BOZZO 320**BOZZO 320 E27**

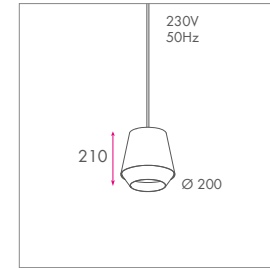
LAMP POWER	EEL	DIM
max 20W	A+_D	IE-TE

REMARKS

- Other colors and materials on inside and outside on request
- Dimming depends on lamp type

MOUNTING**SUSPENSION**

- fix F
- fix L

BOZZO PLUS 200**BOZZO PLUS 200 E27**

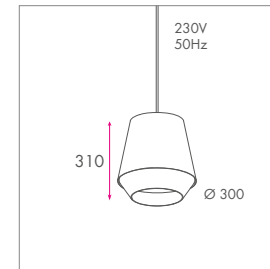
LAMP POWER	EEL	DIM
max 20W	A+_D	IE-TE

REMARKS

- Other colors and materials on inside and outside on request
- Dimming depends on lamp type

MOUNTING**SUSPENSION**

- fix F
- fix L

BOZZO PLUS 300**BOZZO PLUS 300 E27**

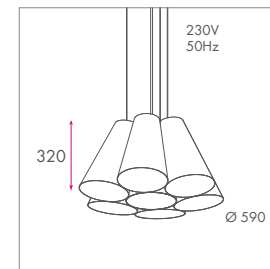
LAMP POWER	EEL	DIM
max 20W	A+_D	IE-TE

REMARKS

- Other colors and materials on inside and outside on request
- Dimming depends on lamp type

MOUNTING**SUSPENSION**

- fix F
- fix L:2l
- fix 2j
- fix 2T
- fix 2GQ

ABION**ABION 7x E27**

LAMP POWER	EEL	DIM
max 20W	A+_D	IE-TE

REMARKS

- Other colors and materials on inside and outside on request
- Dimming depends on lamp type

Lustro

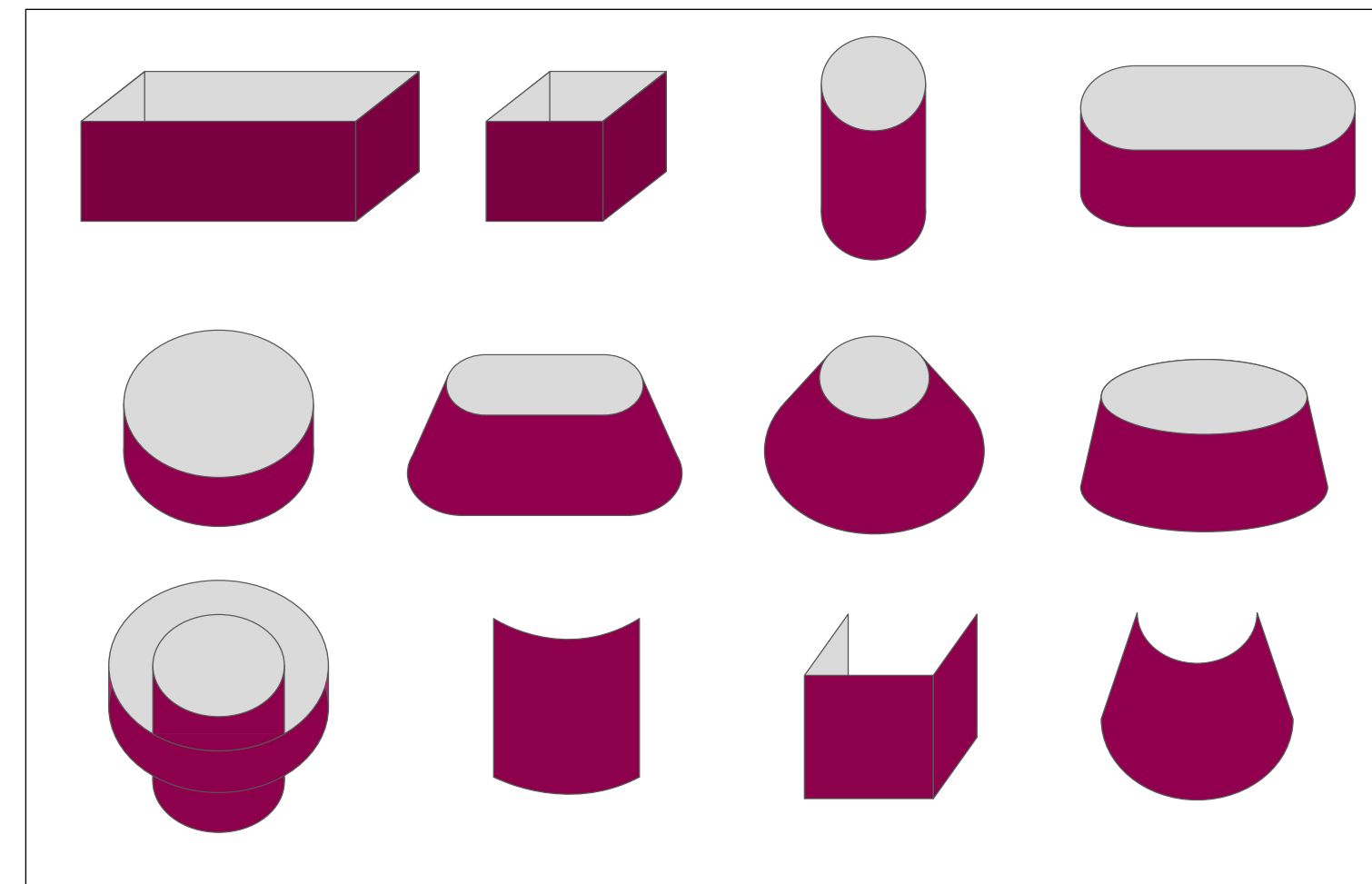
Custom made lamp shades

Shape	145
Light source	148
Accessories	149
Finishing	150

SHAPE

Almost every shape you can imagine, is possible to make.

COMMON DEMANDED SHAPES.



Diameter, length and height maximum 2 meters.

THESE ARE ALSO LUSTROS

CORNETTA



ABION



ARCO



BOZZO





LIGHT SOURCE

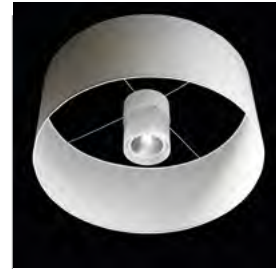
MOUNTING



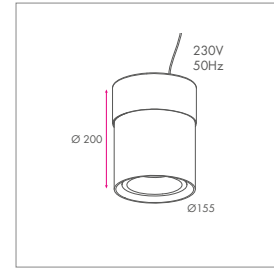
SUSPENSION

- fix K
- fix T
- fix 2T

LUSTRO MODULE



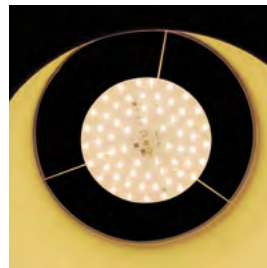
LUSTRO MODULE LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+
2000 lm	16,6W	92	CW	18,9W	A
2100 lm	26,0W	-	MEAT	30,3W	A
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+
2800 lm	37,8W	-	MEAT	42,5W	A
2800 lm	44,8W	-	GOLD	49,5W	A
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+
3000 lm	29,1W	92	CW	33,7W	A
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+

LED PLATE

Warm white 3100K
Neutral white 3700K-4200K
Cold white 4700K-5300K



LED STRIP

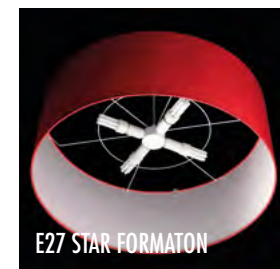
CRI 90
CCT
2700K / 3000K / 4000K
Direct light or indirect light



LUSTRO MODULE

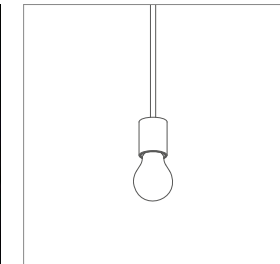


E27 TROS FORMATON



E27 STAR FORMATON

LUSTRO MODULE 1x E27



LAMP POWER	EEL	DIM
max 20W	A+..A	TE..IE

REMARKS

- E27 in bunch or star formation
- Dimming depends on lamp type

STAR formation	Min. height	Min. diam.	Min. height	Min. diam.
	200	600		200 600
	200	600		200 600
	200	600	When using option blender min. height of the LUSTRO must be LED250 mm	

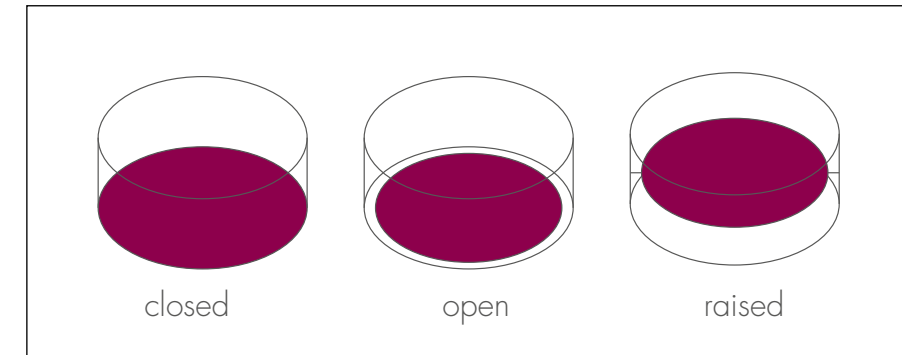
TROS formation	Min. height	Min. diam.
	200	100
	200	400
	200	500

When using option blender min. height of the LUSTRO must be 250 mm

ACCESSORIES - BLENDER, FLY MESH, FIX

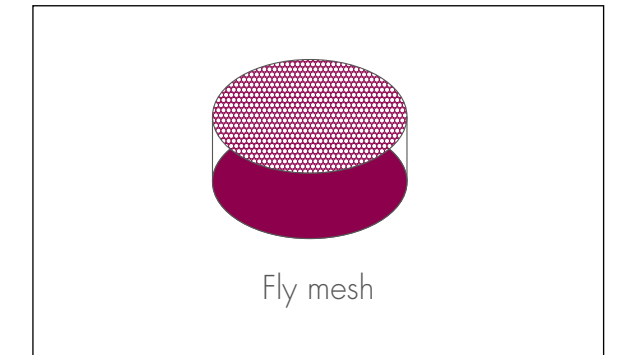
BLENDER

- 3 possibilities: closed, open or raised
- Min. height of the LUSTRO 250 mm



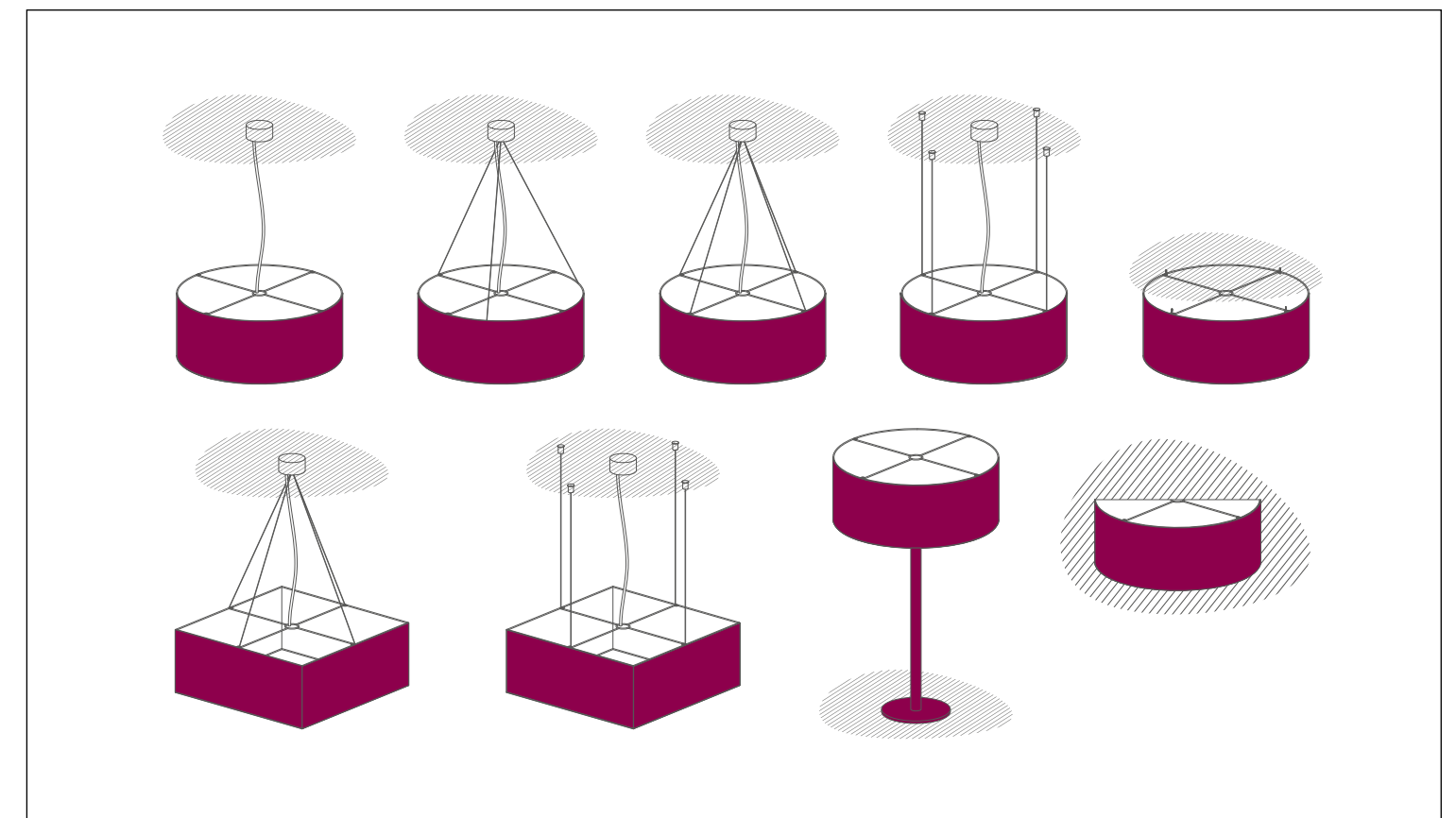
FLY MESH

- White fly mesh on the upperside of the LUSTRO.
- Is always used with a closed blender.



FIX

- Ceiling • Wall • Floor
- Number of steel cables depends on the diameter of the LUSTRO
 - ≥ 600 mm, min. 3 steel cables are needed
 - < 600 mm, 1 steel cable is needed



STEP 4 - FINISHING

- (Anti-flammable) textile
- PVC
- Combinations of PVC and Textile
- Other materials on request
- Different colours
- Printing: logo, your own design, ...





Swing

Combine retro light bulb with cable

Light bulb	156
Cable	157
Fitting	157
Swing Disc	157



LIGHT BULB

CARET GLOBE 115



CRI>80
CCT 2300K
diam. 65mmx 165mm
7,7W
Clear
Dimmable

CARET SQUIRREL



CRI>80
CCT 2300K
diam. 65mmx 165mm
7,7W
Clear
Dimmable

LIGHT BULB EDISON 2.0.



CRI>80
CCT 2300K
diam. 65mmx 165mm
7,7W
Clear
Dimmable

LIGHT BULB R105



CRI>80
CCT 2300K
diam. 65mmx 165mm
7,7W
Clear
Dimmable

LIGHT BULB TUBE 45



CRI>80
CCT 2300K
diam. 65mmx 165mm
7,7W
Clear
Dimmable

LIGHT BULB 125L



CRI>80
CCT 2300K
diam. 65mmx 165mm
7,7W
Clear
Dimmable

LIGHT BULB 95 CROWN



CRI>80
CCT 2300K
diam. 65mmx 165mm
7,7W
Clear
Dimmable

CABLE

BLACK SILICONE CABLE

per meter

TEXTILE CABLE

Different colours and shades.
Can be ordered per meter.



FITTING

BLACK FITTING

Standard plastic fitting.

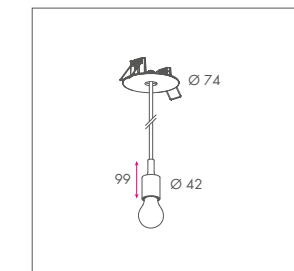
SILICONE FITTING SLEEVE

To cover the standard black fitting.
Diam. 45 mm x 100 mm

COLOURS:

- sweet pink
- electric purple
- chocolate brown
- grass green
- jelly yellow
- lovely red
- ocean blue
- lemon green
- cyber orange
- concrete grey

SWING DISC



Swing with ceiling fixation.





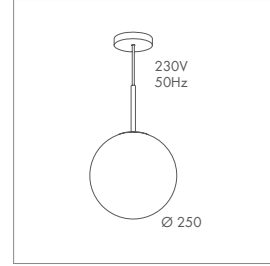
MOUNTING



MOON BALL 250



MOON BALL 250 E27

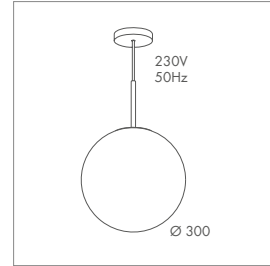


LAMP POWER	EEL	DIM
max 60W	A+_D	TE_IE

REMARKS

- transparent supply cable included of 1m and fix for ceiling
- Dimming depends on lamp type

MOON BALL 300 E27

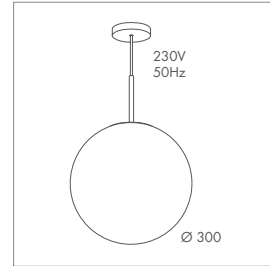


LAMP POWER	EEL	DIM
max 75W	A+_D	TE_IE

REMARKS

- transparent supply cable included of 1m and fix for ceiling
- Dimming depends on lamp type

MOON BALL 350 E27



LAMP POWER	EEL	DIM
max 100W	A+_D	TE_IE

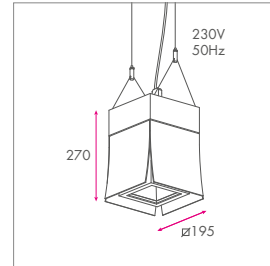
REMARKS

- transparent supply cable included of 1m and fix for ceiling
- Dimming depends on lamp type

FUSCHIO MINI



FUSCHIO MINI LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL
1500 lm	16,8W	-	MEAT	19,2W	A
1500 lm	18,5W	-	GOLD	20,9W	A
2000 lm	16,8W	92	2700K	19,1W	A+
	17,1W	92	3000K	19,4W	A+
	17,1W	92	4000K	19,4W	A+
2000 lm	16,6W	92	CW	18,9W	A
2100 lm	26,0W	-	MEAT	30,3W	A
2100 lm	30,2W	-	GOLD	34,5W	A
2500 lm	19,6W	92	2700K	23,1W	A+
	20,1W	92	3000K	23,3W	A+
	20,9W	92	4000K	23,1W	A+
2800 lm	37,8W	-	MEAT	42,5W	A
2800 lm	44,8W	-	GOLD	49,5W	A
3000 lm	24,9W	92	2700K	29,0W	A+
	23,7W	92	3000K	27,3W	A+
	24,8W	92	4000K	28,4W	A+
3000 lm	29,1W	92	CW	33,7W	A
3500 lm	28,5W	92	2700K	33,1W	A+
	29,3W	92	3000K	33,5W	A+
	24,8W	92	4000K	28,9W	A+
4000 lm	34,0W	92	2700K	37,7W	A+
	32,0W	92	3000K	37,1W	A+
	28,4W	92	4000K	33,0W	A+
4500 lm	39,6W	92	2700K	43,8W	A+
	35,7W	92	3000K	39,6W	A+
	33,9W	92	4000K	39,1W	A+

MOUNTING



OPTIONS



SUSPENSION

- fix 2I
- fix 2J
- fix R
- fix 2T
- fix 2GG
- fix BN



MOUNTING



OPTIONS



SUSPENSION

- fix 4GQ
- fix 4I
- fix 4J
- fix F
- fix P4

MOUNTING



PLANET UP

OPTIONS



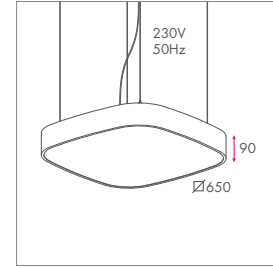
SUSPENSION PLANET AIR 300 / 500

- fix 3GQ
- fix 3I
- fix 3J
- fix F
- fix P3
- fix BN

PLANET SQUIRCL AIR

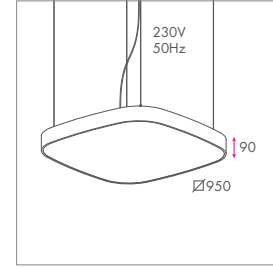


PLANET SQUIRCL AIR 650 LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
5000 lm	32W 32W	80 80	3000K 4000K	37,4W 37,4W	A++ A++	DALI

PLANET SQUIRCL AIR 950 LED

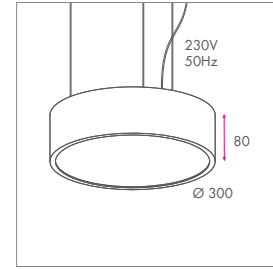


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
10000 lm	70W 70W	80 80	3000K 4000K	82,4W 82,4W	A++ A++	DALI

PLANET AIR 300

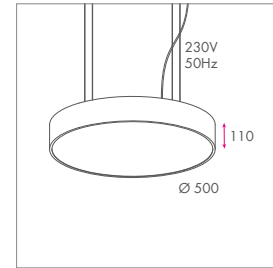


PLANET AIR 300 LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2500 lm	28W	80	3000K, 4000K	33W	A+	TE_LE

PLANET AIR 500 LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2700 lm	22,8W 22,8W	80 80	3000K 4000K	27W 27W	A+ A+	DALI

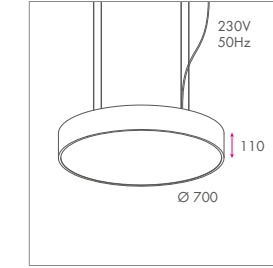
REMARKS

- Optional prismatic plexi

SUSPENSION PLANET AIR 700/900/1100

- fix 4GQ
- fix 4I
- fix 4J
- fix F
- fix P4
- fix BN

PLANET AIR 700 LED

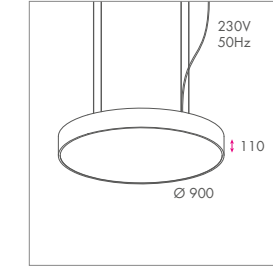


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
5400 lm	45,6W 45,6W	80 80	3000K 4000K	51W 51W	A+ A+	DALI

REMARKS

- Optional prismatic plexi

PLANET AIR 900 LED

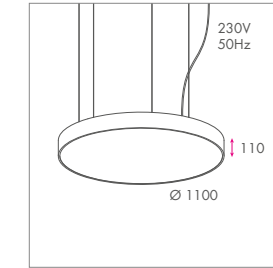


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
9000 lm	76W 76W	80 80	3000K 4000K	85W 85W	A+ A+	DALI
13000 lm	106,4W 106,4W	80 80	3000K 4000K	117W 117W	A+ A+	DALI

REMARKS

- Optional prismatic plexi

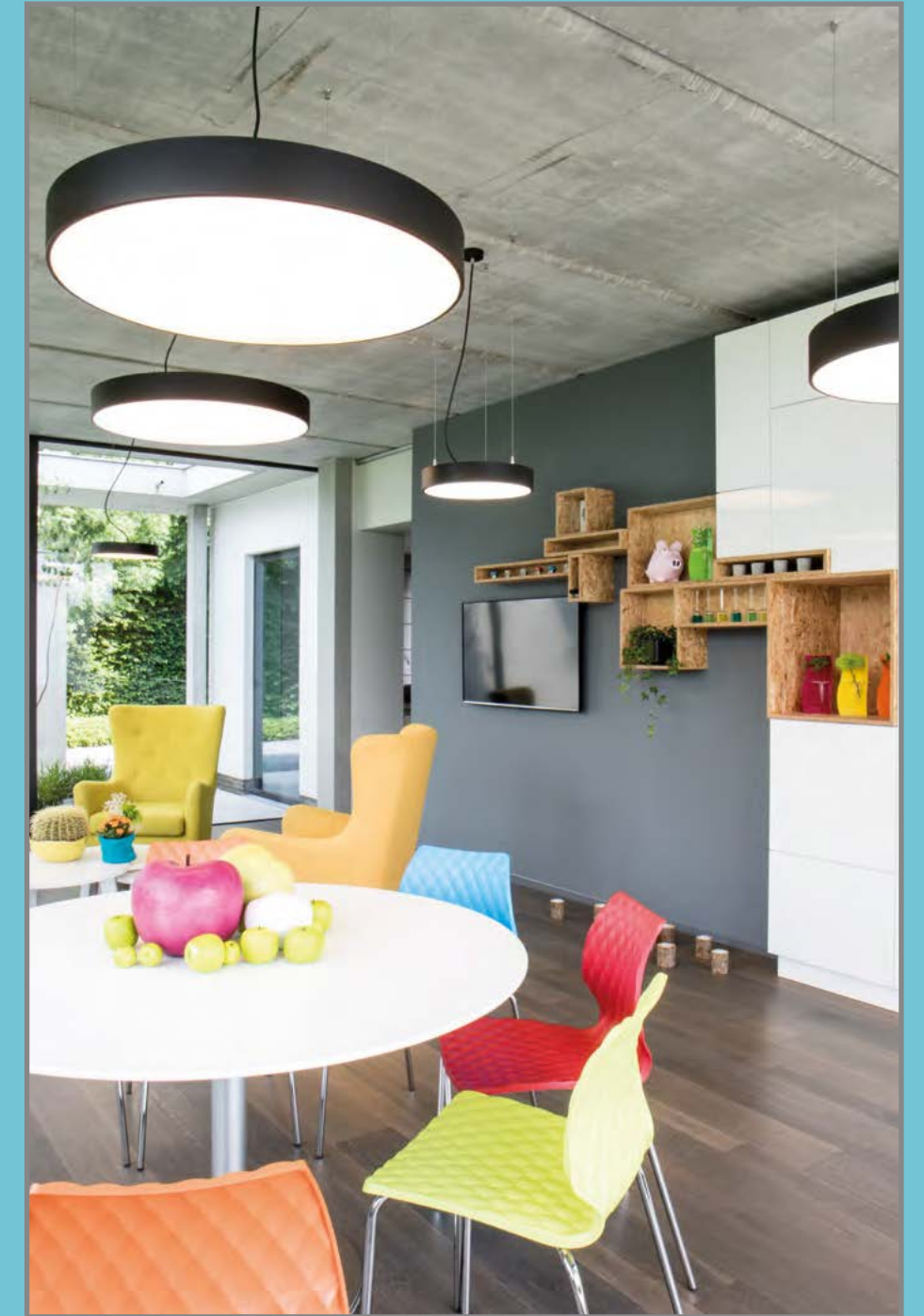
PLANET AIR 1100 LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
13000 lm	106,4W 106,4W	80 80	3000K 4000K	117W 117W	A+ A+	DALI

REMARKS

- Optional prismatic plexi



MOUNTING



MODITO

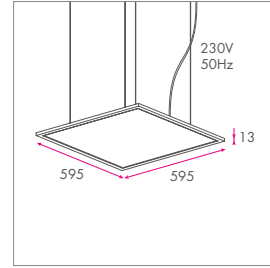


MODITO UP

MODITO AIR



MODITO AIR LED



LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL	DIM
4000 lm	80 80	3000K 4000K	35W 35W	A+ A+	DALI

REMARKS

- Also available with prismatic diffuser (UGR<19)
- steel cables included of 2m

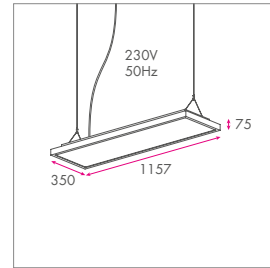
MOUNTING



PLATO AIR



PLATO AIR LED



LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL
4000 lm	80 80	3000K 4000K	42 W	A+ A+

REMARKS

- Optional prismatic plexi
- supply cable included of 1,5 m and fix for ceiling

MOUNTING



POLLUX

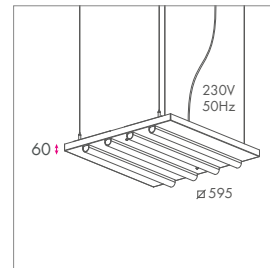


POLLUX UP

POLLUX AIR



POLLUX AIR 4x LED



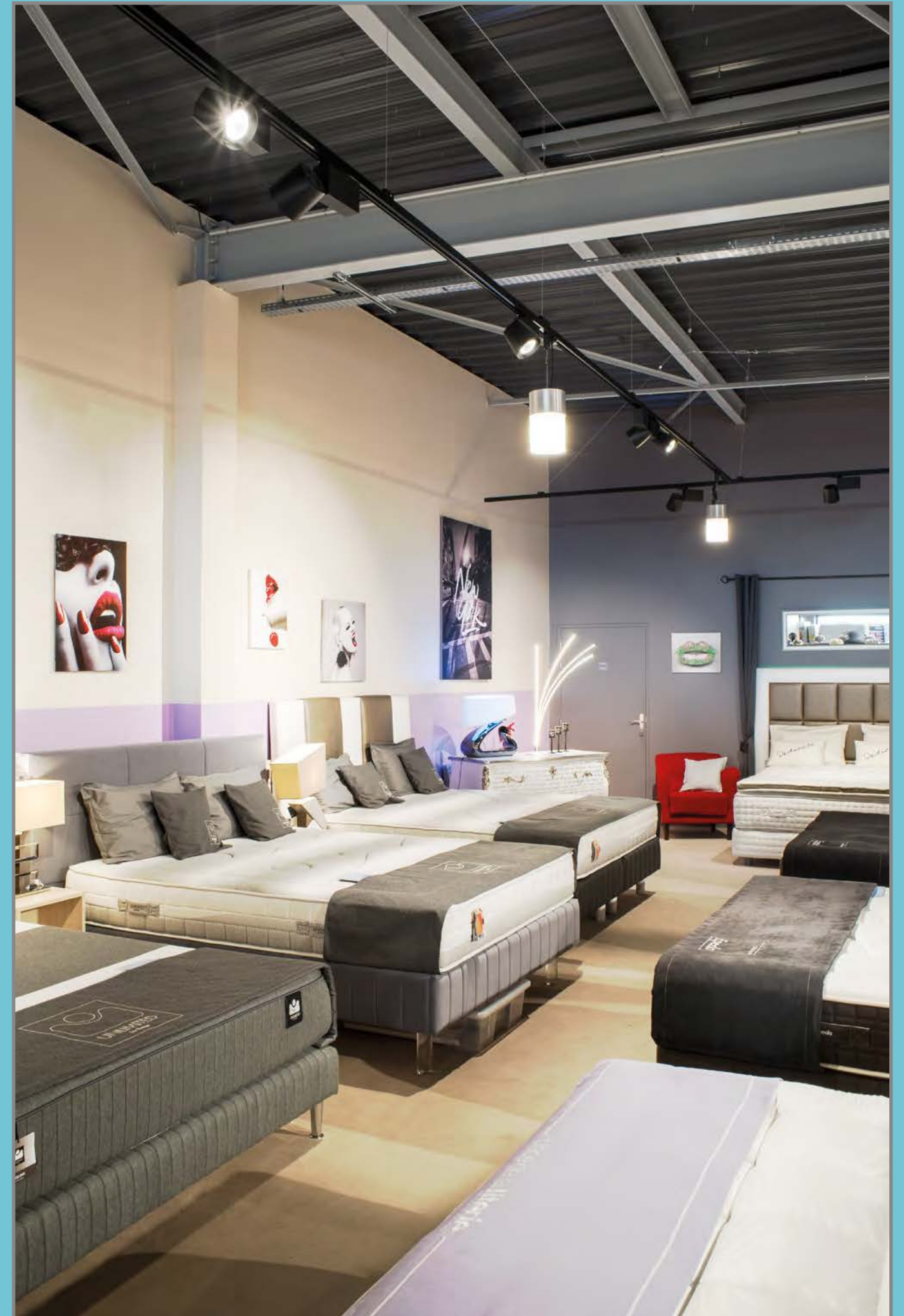
LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL
4x 1250 lm	26,0W 26,0W	80 80	3000K 4000K	29,7W 29,7W	A++ A++

OPTIONS



SUSPENSION

- fix 4GQ
- fix 4I
- fix 4J
- F
- P4



MOUNTING



OPTIONS



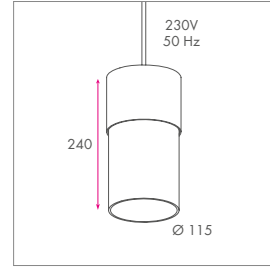
SUSPENSION

- fix F
- fix L

RODA



RODA LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL
1000 lm	7,3W 7,5W 7,5W	92	2700K 3000K 4000K	9,3W 9,5W 9,5W	A+ A+ A+
1500 lm	11,5W 11,6W 11,6W	92	2700K 3000K 4000K	13,7W 13,8W 13,8W	A+ A+ A+
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+

MOUNTING



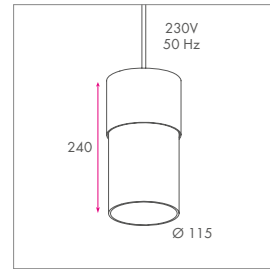
SUSPENSION

- fix I
- fix J
- fix K
- fix T
- fix TU
- fix GQ

RODA



RODA E27



LAMP POWER	EEL	DIM
max 20W	A+ A	IE-TE

REMARKS

- No halogen or incandescent bulb allowed
- Dimming depends on lamp type

MOUNTING



NUDE UP

OPTIONS



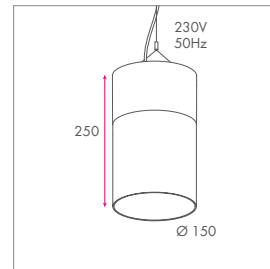
SUSPENSION

- fix I
- fix J
- fix K
- fix T
- fix Z
- fix GQ

RONDO JR.



RONDO JR. LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL
1500 lm	16,8W	-	MEAT	19,2W	A
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+
2000 lm	16,6W	92	CW	18,9W	A
2100 lm	26,0W	-	MEAT	30,3W	A
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+
2800 lm	44,8W	-	GOLD	49,5W	A
2800 lm	37,8W	-	MEAT	42,5W	A
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+
3000 lm	29,1W	92	CW	33,7W	A
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+

MOUNTING



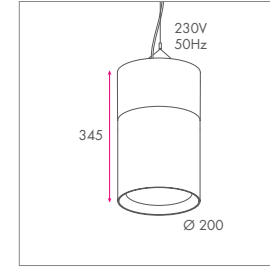
SUSPENSION

- fix I
- fix J
- fix K
- fix T
- fix TU
- fix GQ

RONDO



RONDO LED

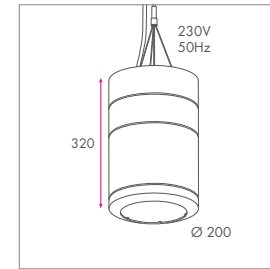


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL
1500 lm	16,8W	-	MEAT	19,2W	A
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+
2000 lm	16,6W	92	CW	18,9W	A
2100 lm	26,0W	-	MEAT	30,3W	A
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+
2800 lm	44,8W	-	GOLD	49,5W	A
2800 lm	37,8W	-	MEAT	42,5W	A
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+
3000 lm	29,1W	92	CW	33,7W	A
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+

NUDE



NUDE LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+	
2000 lm	16,6W	92	CW	18,9W	A	
2100 lm	26,0W	-	MEAT	30,3W	A	DAU
2100 lm	30,2W	-	GOLD	34,5W	A	DAU
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+	DAU
2800 lm	37,8W	-	MEAT	42,5W	A	DAU
2800 lm	44,8W	-	GOLD	49,5W	A	DAU
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DAU
3000 lm	29,1W	92	CW	33,7W	A	DAU
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+	DAU
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+	

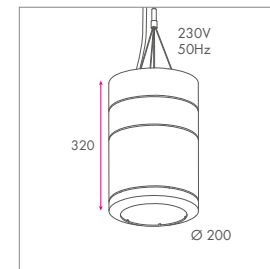
ACCESSORIES / OPTIONS



NUDE



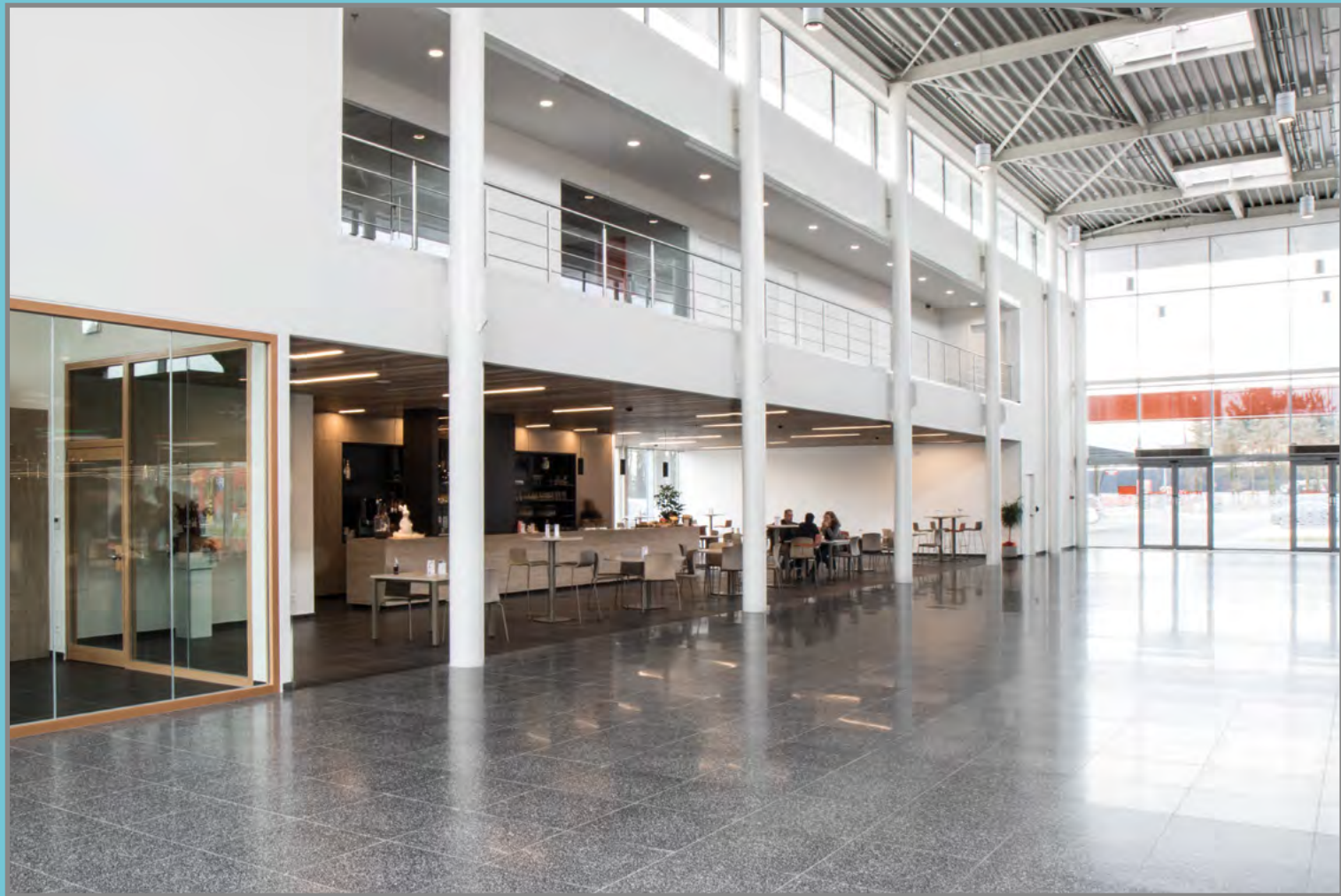
NUDE HIT



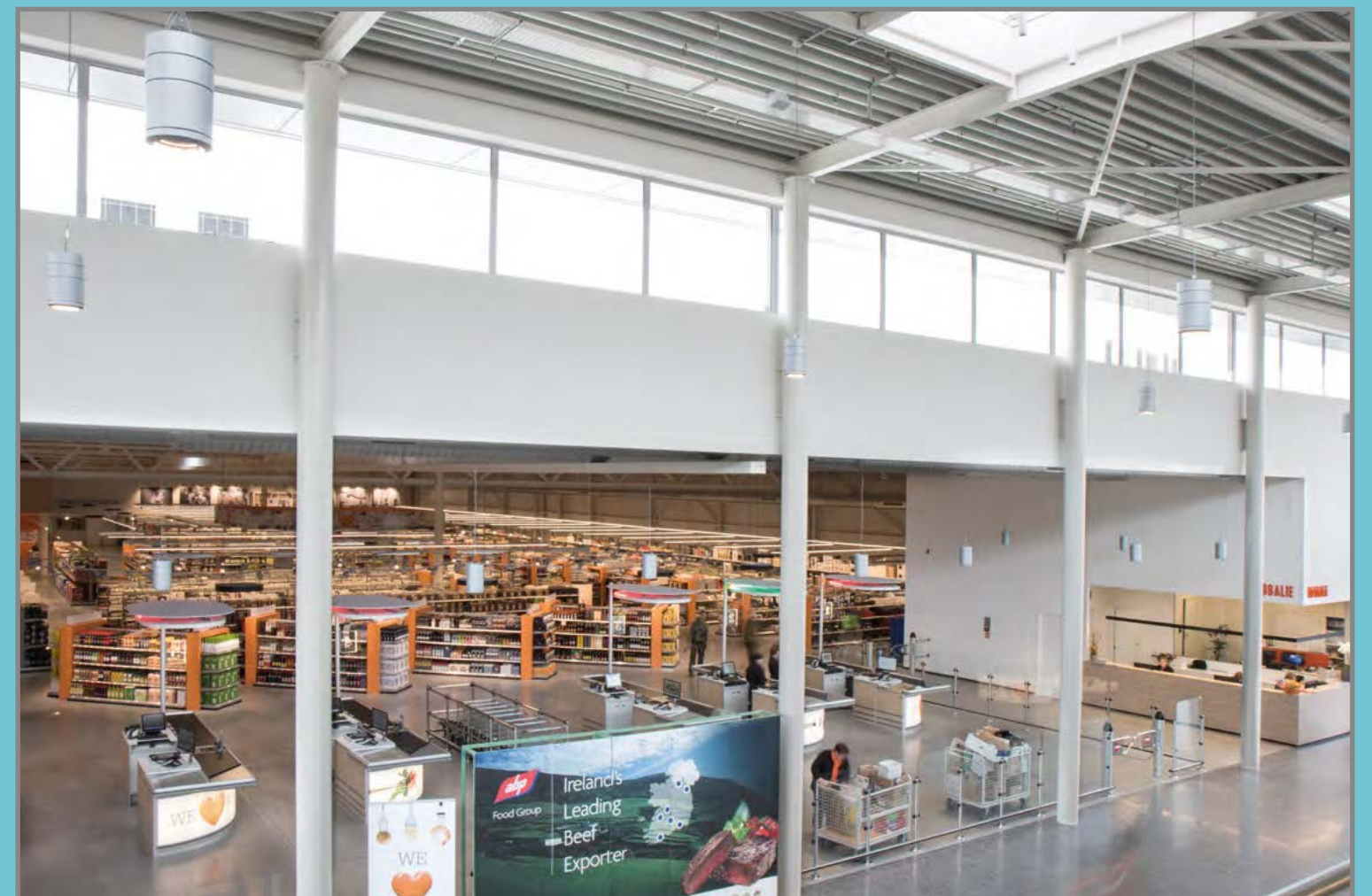
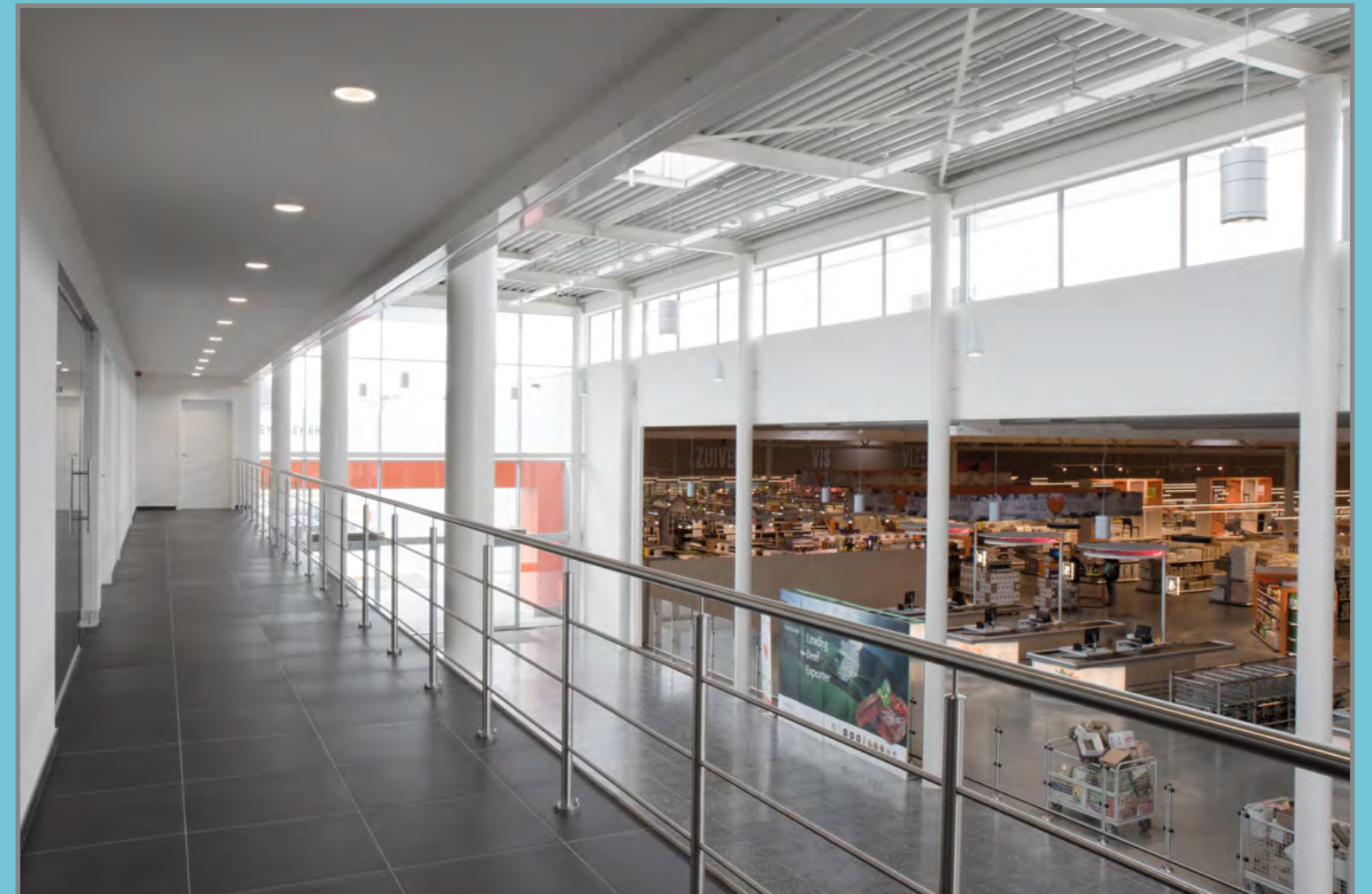
LAMP POWER	LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL
35W EU	4000 lm 3800 lm	90	3000K 4200K	42W 42W	A+ A+
35W EVO	4300 lm	90	3000K	42W	A+
50W EU	5400 lm 5000 lm	90	3000K 4200K	55W 55W	A+ A+
50W EVO	5700 lm	90	3000K	55W	A+
70W EU	7800 lm 7500 lm	90	3000K 4200K	80W 80W	A+ A+
70W EVO	8800 lm	90	3000K	80W	A+

ACCESSORIES / OPTIONS





Horeca Van Zon/ BE - Beerse



MOUNTING



OPTIONS



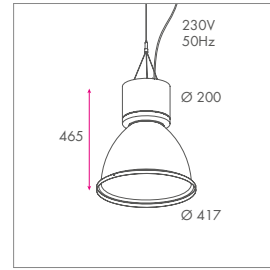
SUSPENSION

- fix Z1
- fix ZJ
- fix ZT
- fix ZGQ
- fix Z2

NUDE CAMPANA



NUDE CAMPANA LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+	DALI
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+	DALI
2800 lm	37,8W	-	MEAT	42,5W	A	DALI
2800 lm	44,8W	-	GOLD	49,5W	A	DALI
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DALI
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DALI
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+	DALI
4000 lm	42,4W	92	CW	46,4W	A	DALI
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+	DALI
8000 lm	74,8W	92	3000K	84,0W	A+	
8500 lm	74,8W	92	4000K	84,0W	A+	

MOUNTING



OPTIONS



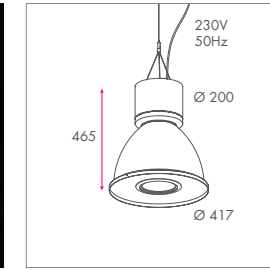
SUSPENSION

- fix Z1
- fix ZJ
- fix ZT
- fix ZGQ
- fix Z2

NUDE CAMPANA APOLLO



NUDE CAMPANA APOLLO LED

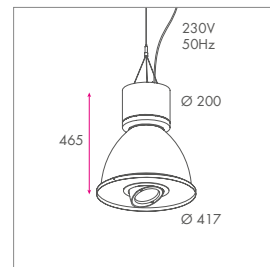


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+	DALI
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+	DALI
2800 lm	37,8W	-	MEAT	42,5W	A	DALI
2800 lm	44,8W	-	GOLD	49,5W	A	DALI
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DALI
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DALI
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+	DALI
4000 lm	37,8W	-	MEAT	42,5W	A	DALI
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+	DALI
2000 lm	16,6W	92	CW	18,9W	A	DALI

NUDE CAMPANA SCOOP



NUDE CAMPANA SCOOP LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+	DALI
2800 lm	37,8W	-	MEAT	42,5W	A	DALI
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DALI
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DALI
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+	DALI
2000 lm	16,6W	92	CW	18,9W	A	DALI
2800 lm	44,8W	-	GOLD	49,5W	A	DALI
3000 lm	29,1W	92	CW	33,7W	A	DALI



MOUNTING



OPTIONS



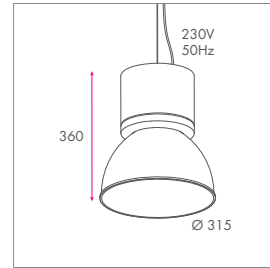
SUSPENSION

- fix 2I
- fix 2J
- fix 2T
- fix 2GQ
- fix Z2

NUDE CUPOLA MINI



NUDE CUPOLA MINI LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DALI
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DALI
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+	DALI
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+	DALI
8000 lm	74,8W	92	3000K	84,0W	A+	
8500 lm	74,8W	92	4000K	84,0W	A+	

MOUNTING



OPTIONS



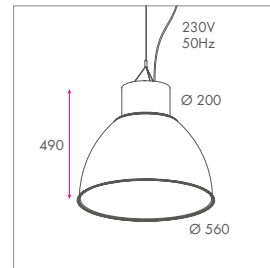
SUSPENSION

- fix 2I
- fix 2J
- fix 2T
- fix 2GQ
- fix Z2

NUDE CUPOLA



NUDE CUPOLA LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DALI
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DALI
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+	DALI
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+	DALI
8000 lm	74,8W	92	3000K	84,0W	A+	
8500 lm	74,8W	92	4000K	84,0W	A+	



MOUNTING



OPTIONS



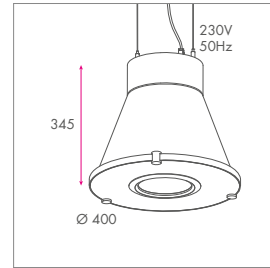
SUSPENSION

- fix Z1
- fix ZJ
- fix ZT
- fix ZGQ
- fix Z2

SATEL'LITE APOLLO



SATEL'LITE APOLLO LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+	DALI
2000 lm	16,6W	92	CVW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+	DALI
2800 lm	37,8W	-	MEAT	42,5W	A	DALI
2800 lm	44,8W	-	GOLD	49,5W	A	DALI
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DALI
3000 lm	29,1W	92	CVW	33,7W	A	DALI
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DALI
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+	DALI
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+	DALI

ACCESSORIES / OPTIONS



MOUNTING



OPTIONS



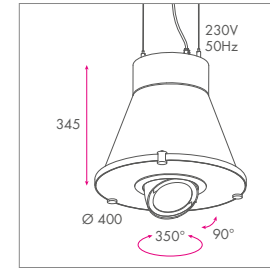
SUSPENSION

- fix Z1
- fix ZJ
- fix ZT
- fix ZGQ
- fix Z2

SATEL'LITE SCOOP



SATEL'LITE SCOOP LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+	DALI
2000 lm	16,6W	92	CVW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+	DALI
2800 lm	37,8W	-	MEAT	42,5W	A	DALI
2800 lm	44,8W	-	GOLD	49,5W	A	DALI
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DALI
3000 lm	29,1W	92	CVW	33,7W	A	DALI
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DALI
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+	DALI
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+	DALI

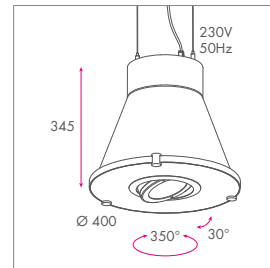
ACCESSORIES / OPTIONS



SATEL'LITE LOTUS



SATEL'LITE LOTUS LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+	DALI
2000 lm	16,6W	92	CVW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+	DALI
2800 lm	37,8W	-	MEAT	42,5W	A	DALI
2800 lm	44,8W	-	GOLD	49,5W	A	DALI
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DALI
3000 lm	29,1W	92	CVW	33,7W	A	DALI
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DALI
4000 lm	34,0W 32,0W 28,4W	92	2700K 3000K 4000K	37,7W 37,1W 33,0W	A+ A+ A+	DALI
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+	DALI

ACCESSORIES / OPTIONS





Intermarché/ FR - Lomme / Agence Mayelle Architecture Intérieure Design / Sodelem

MOUNTING



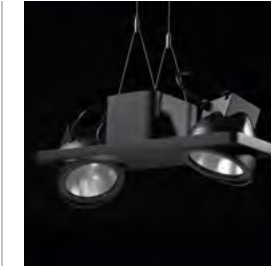
OPTIONS



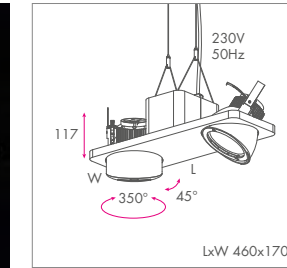
SUSPENSION

- fix 2I
- fix 2J
- fix 2T
- fix 2GQ
- fix GU

KARDAN SCOOP



KARDAN SCOOP 2x LED



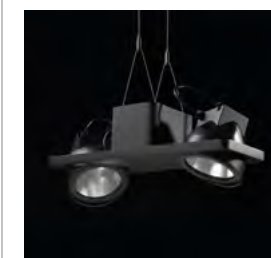
	DRIVER 230V incl.			SR 40° - 55°	GR 40° - 55°	9016 TEX 9006 TEX 9005 TEX	5Y 20khr garantie
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LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL
2x 2000 lm	2x 16,6W	92	CW	37,8W	A
2x 2100 lm	2x 26,0W	-	MEAT	60,6W	A
2x 2500 lm	2x 19,6W	92	2700K	46,2W	A+
	2x 20,1W	92	3000K	46,6W	A+
	2x 20,9W	92	4000K	46,2W	A+
2x 2800 lm	2x 44,8W	-	GOLD	99,0W	A
2x 2800 lm	2x 37,8W	-	MEAT	85,0W	A
2x 3000 lm	2x 24,9W	92	2700K	58,0W	A+
	2x 23,7W	92	3000K	54,6W	A+
	2x 24,8W	92	4000K	56,8W	A+
2x 3000 lm	2x 29,1W	92	CW	67,4W	A
2x 3500 lm	2x 28,5W	92	2700K	66,2W	A+
	2x 29,3W	92	3000K	67,0W	A+
	2x 24,8W	92	4000K	57,8W	A+
2x 4000 lm	2x 42,4W	92	CW	92,8W	A
2x 4000 lm	2x 34,0W	92	2700K	75,4W	A+
	2x 32,0W	92	3000K	74,2W	A+
	2x 28,4W	92	4000K	66,0W	A+
2x 4500 lm	2x 39,6W	92	2700K	87,6W	A+
	2x 35,7W	92	3000K	79,2W	A+
	2x 33,9W	92	4000K	78,2W	A+

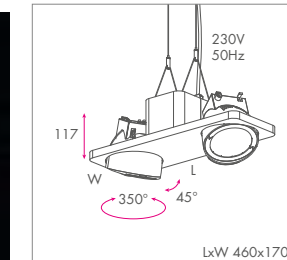
ACCESSORIES / OPTIONS



KARDAN SCOOP



KARDAN SCOOP 2x HIT



	GEAR EVG incl.				SR 10° - 30° 50° - 65°	GR 10° - 30° 65°	9016 TEX 9006 TEX 9005 TEX		5Y 20khr garantie
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LAMP POWER	LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL
35W ELL	4000 lm	90	3000K	42W	A+
	3800 lm	90	4200K	42W	A+
35W EVO	4300 lm	90	3000K	42W	A+
50W ELL	5400 lm	90	3000K	55W	A+
	5000 lm	90	4200K	55W	A+
70W ELL	7800 lm	90	3000K	80W	A+
	7500 lm	90	4200K	80W	A+
70W EVO	8800 lm	90	3000K	80W	A+
100W ELL	11000 lm	90	3000K	110W	A+
	10500 lm	90	4200K	110W	A+

MOUNTING



OPTIONS



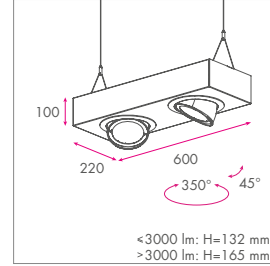
SUSPENSION

- fix 2GQ
- fix 2I
- fix 2J
- fix 2T

SKUARDO SCOOP

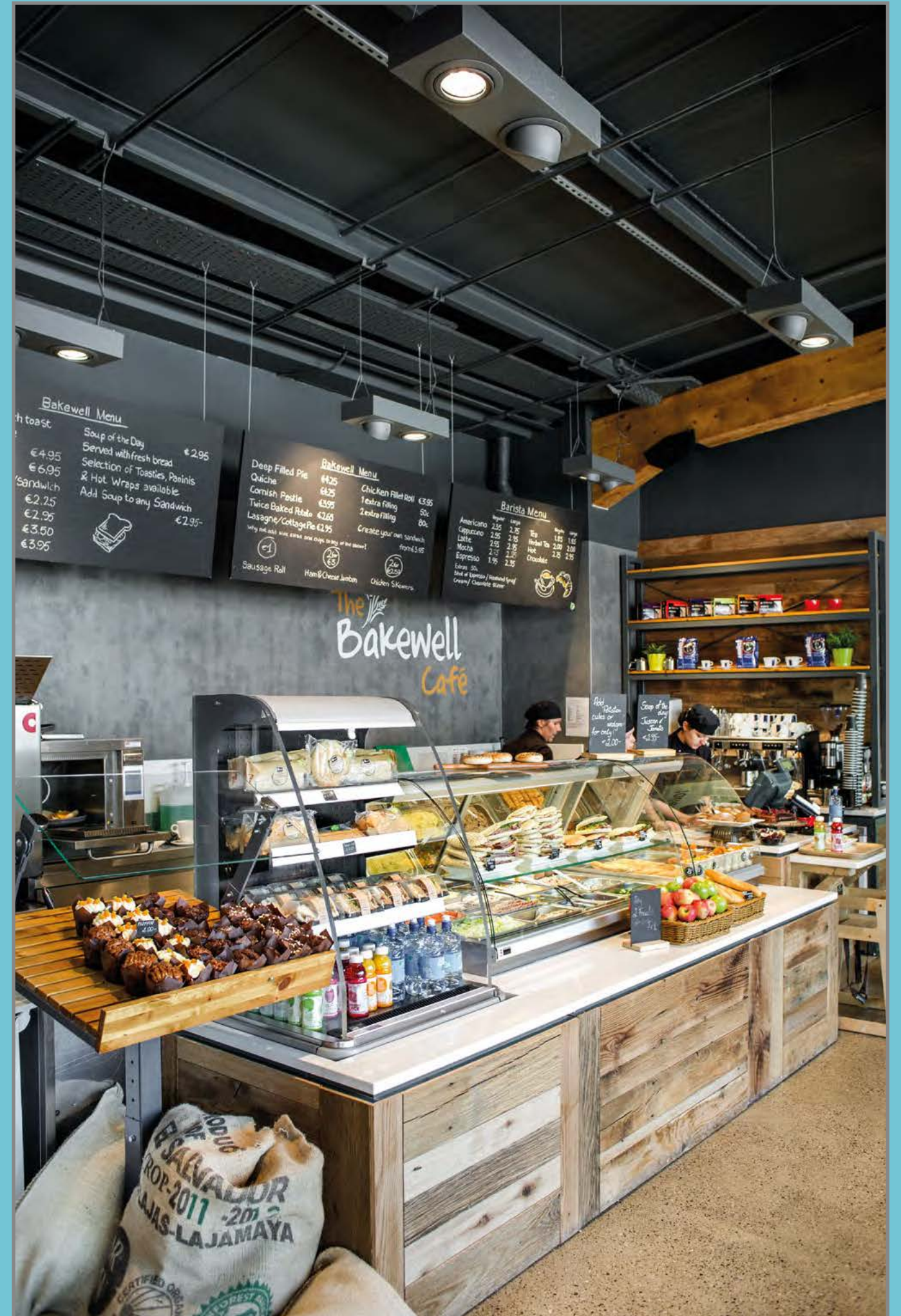


SKUARDO SCOOP 2x LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2x 1500 lm	2x 16,8W	-	MEAT	38,4W	A	DALI
2x 1500 lm	2x 18,5W	-	GOLD	41,8W	A	DALI
2x 2000 lm	2x 16,8W	92	2700K	38,2W	A+	DALI
	2x 17,1W	92	3000K	38,8W	A+	
	2x 17,1W	92	4000K	38,8W	A+	
2x 2000 lm	2x 16,6W	92	CW	37,8W	A	DALI
2x 2100 lm	2x 26,0W	-	MEAT	60,6W	A	DALI
2x 2100 lm	2x 30,2W	-	GOLD	65,0W	A	DALI
2x 2500 lm	2x 19,6W	92	2700K	46,2W	A+	DALI
	2x 20,1W	92	3000K	46,6W	A+	
	2x 20,9W	92	4000K	46,2W	A+	
2x 2800 lm	2x 37,8W	-	MEAT	85,0W	A	DALI
2x 2800 lm	2x 44,8W	-	GOLD	99,0W	A	DALI
2x 3000 lm	2x 24,9W	92	2700K	58,0W	A+	DALI
	2x 23,7W	92	3000K	54,6W	A+	
	2x 24,8W	92	4000K	56,8W	A+	
2x 3000 lm	2x 29,1W	92	CW	67,4W	A	DALI
2x 3500 lm	2x 28,5W	92	2700K	66,2W	A+	DALI
	2x 29,3W	92	3000K	67,0W	A+	
	2x 24,8W	92	4000K	57,8W	A+	
2x 4000 lm	2x 34,0W	92	2700K	75,4W	A+	DALI
	2x 32,0W	92	3000K	74,2W	A+	
	2x 28,4W	92	4000K	66,0W	A+	
2x 4000 lm	2x 42,4W	92	CW	92,8W	A	DALI
2x 4500 lm	2x 39,6W	92	2700K	87,6W	A+	DALI
	2x 35,7W	92	3000K	79,2W	A+	
	2x 33,9W	92	4000K	78,2W	A+	

ACCESSORIES / OPTIONS



MOUNTING



OPTIONS



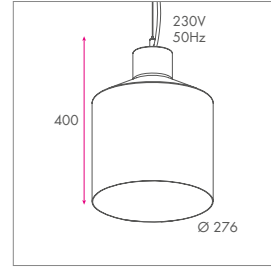
SUSPENSION

- fix I
- fix J
- fix K
- fix T
- fix TU
- fix GQ

BORA



BORA E27

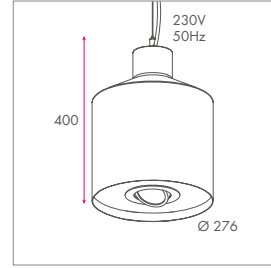


LAMP POWER	EEL	DIM
max 20W	A+_D	TE_IE

BORA ORION FLEX



BORA ORION FLEX LED

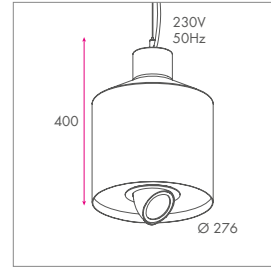


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1000 lm	7,3W 7,5W 7,5W	92	2700K 3000K 4000K	9,3W 9,5W 9,5W	A+ A+ A+	
1000 lm	8,1W	92	CW	10,1W	A	
1500 lm	11,5W 11,6W 11,6W	92	2700K 3000K 4000K	13,7W 13,8W 13,8W	A+ A+ A+	
1500 lm	16,8W	-	MEAT	19,2W	A	DALI
1500 lm	18,5W	-	GOLD	20,9W	A	DALI
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+	DALI
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+	DALI
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DALI
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DALI

BORA CERES



BORA CERES LED

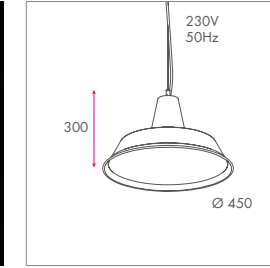


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1000 lm	7,3W 7,5W 7,5W	92	2700K 3000K 4000K	9,3W 9,5W 9,5W	A+ A+ A+	
1000 lm	8,1W	92	CW	10,1W	A	
1500 lm	11,5W 11,6W 11,6W	92	2700K 3000K 4000K	13,7W 13,8W 13,8W	A+ A+ A+	
1500 lm	16,8W	-	MEAT	19,2W	A	
1500 lm	18,5W	-	GOLD	20,9W	A	
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+	DALI
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+	DALI
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DALI
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DALI

GALEA



GALEA E27

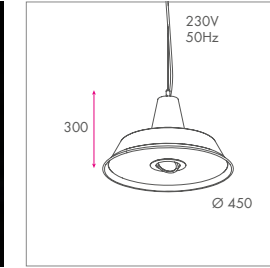


LAMP POWER	EEL	DIM
max 20W	A+_D	TE_IE

GALEA ORION FLEX



GALEA ORION FLEX LED

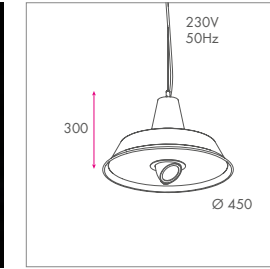


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1000 lm	7,3W 7,5W 7,5W	92	2700K 3000K 4000K	9,3W 9,5W 9,5W	A+ A+ A+	
1000 lm	8,1W	92	CW	10,1W	A	
1500 lm	11,5W 11,6W 11,6W	92	2700K 3000K 4000K	13,7W 13,8W 13,8W	A+ A+ A+	
1500 lm	16,8W	-	MEAT	19,2W	A	DALI
1500 lm	18,5W	-	GOLD	20,9W	A	DALI
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+	DALI
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+	DALI
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DALI
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DALI

GALEA CERES



GALEA CERES LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
1000 lm	7,3W 7,5W 7,5W	92	2700K 3000K 4000K	9,3W 9,5W 9,5W	A+ A+ A+	
1000 lm	8,1W	92	CW	10,1W	A	
1500 lm	11,5W 11,6W 11,6W	92	2700K 3000K 4000K	13,7W 13,8W 13,8W	A+ A+ A+	
1500 lm	16,8W	-	MEAT	19,2W	A	DALI
1500 lm	18,5W	-	GOLD	20,9W	A	DALI
2000 lm	16,8W 17,1W 17,1W	92	2700K 3000K 4000K	19,1W 19,4W 19,4W	A+ A+ A+	DALI
2000 lm	16,6W	92	CW	18,9W	A	DALI
2100 lm	26,0W	-	MEAT	30,3W	A	DALI
2100 lm	30,2W	-	GOLD	34,5W	A	DALI
2500 lm	19,6W 20,1W 20,9W	92	2700K 3000K 4000K	23,1W 23,3W 23,1W	A+ A+ A+	DALI
3000 lm	24,9W 23,7W 24,8W	92	2700K 3000K 4000K	29,0W 27,3W 28,4W	A+ A+ A+	DALI
3000 lm	29,1W	92	CW	33,7W	A	DALI
3500 lm	28,5W 29,3W 24,8W	92	2700K 3000K 4000K	33,1W 33,5W 28,9W	A+ A+ A+	DALI

MOUNTING



LATERNA

LATERNA UP

OPTIONS



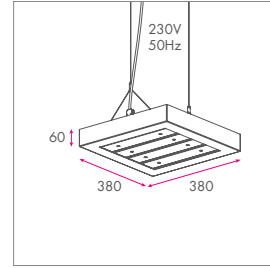
SUSPENSION

- fix 2I
- fix 2J
- fix 2T
- fix 2GQ

LATERNA AIR



LATERNA AIR LED



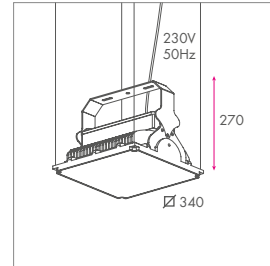
DRIVER 230V incl.
 IP20
 LENS 90°
 9016 TEX 9008 TEX 9005 TEX
 PLEXI
 5Y 20khr guarantee

LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
6000 lm	45,6W 45,6W	90	3000K 4000K	50W 50W	A++ A++	DAU
8000 lm	62,8W 62,8W	90	3000K 4000K	68W 68W	A++ A++	DAU
10000 lm	84,0W 84,0W	90	3000K 4000K	90W 90W	A++ A++	DAU
10000 lm	62,8W 62,8W	80	3000K 4000K	68W 68W	A++ A++	DAU
12000 lm	84,0W 84,0W	80	3000K 4000K	90W 90W	A++ A++	DAU

SOLAR AIR



SOLAR AIR LED



DRIVER 230V incl.
 IP66
 LENS 115°
 silver
 5Y 20khr guarantee

LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL
13500 lm	80	4000K	104W	A++
22000 lm	80	4000K	166W	A++

MOUNTING



SOLAR UP

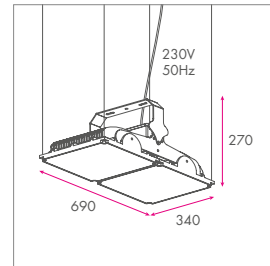
SUSPENSION

- fix 4E1

SOLAR II AIR



SOLAR II AIR LED



DRIVER 230V incl.
 IP66
 LENS 115°
 silver
 5Y 20khr guarantee

LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL
43500 lm	80	4000K	332W	A++

MOUNTING



SOLAR UP

SUSPENSION

- fix 4E1



ROSA - BE CREATIVE WITH OUR SOUND ABSORBING LUMINAIR.

The Rosa is designed to light the room and to absorb at the same time accoustic noise.

ROSA WITHOUT FIXTURE

MOUNTING



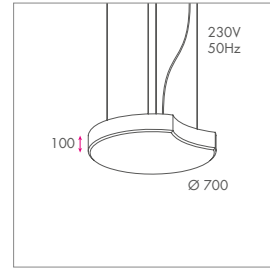
SUSPENSION

- fix 4GQ
- fix 4I
- fix 4J
- fix F
- fix P4

ROSA 700



ROSA 700



REMARKS

- sound absorbing foam
- multiple colours available



ROSA WITH FIXURE

MOUNTING



OPTIONS



SUSPENSION

- fix 4GQ
- fix 4I
- fix 4J
- fix F
- fix P4

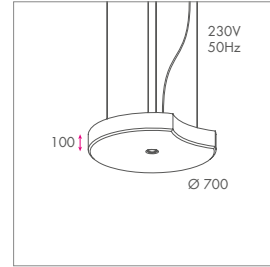
DRIVERS

- LED-drivers non-dimmable
- LED-drivers DALI
- LED-drivers dim 1-10V
- LED-drivers TE-LE

ROSA SPOT 700



ROSA SPOT 700 LED

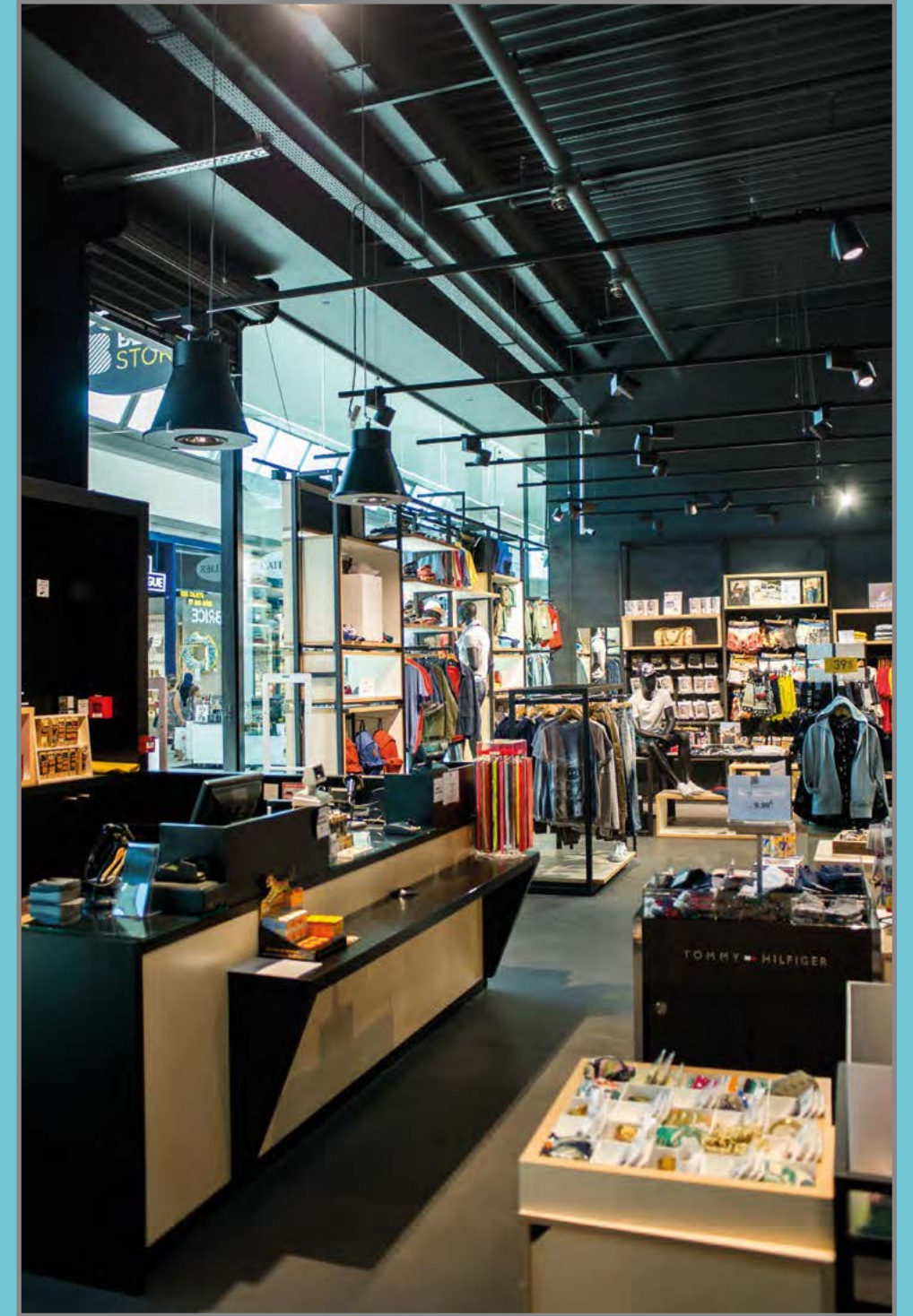


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
400 lm @140mA	3,4W 3,4W	90 90	2700K 3000K	5,0W 5,0W	A+ A+	DALI/1-10V
600 lm @180mA	4,4W 4,4W	90 90	2700K 3000K	6,0W 6,0W	A+ A+	DALI/1-10V
800 lm @260mA	6,5W 6,5W	90 90	2700K 3000K	8,1W 8,1W	A+ A+	DALI/1-10V
1000 lm @350mA	8,9W 8,9W	90 90	2700K 3000K	11,0W 11,0W	A+ A+	DALI/1-10V/TELE

REMARKS

- 4000K on request
- sound absorbing foam
- multiple foam colours available







Profiles

BASELINE	194
SKYLINE	202
L-WAY	210
PIPELINE AIR	236
PROFILE 22	243
PROFILE 18 IN	243
CORNER PROFILE 45°	243

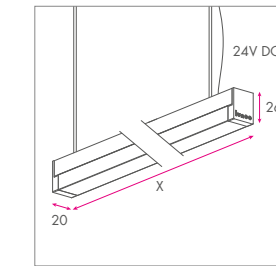
Baseline

- 1. Baseline Air 195
- 2. Baseline Up 195
- 3. Custom made Baseline 198
- 4. Driver connections Baseline 199

1. BASELINE AIR



BASELINE AIR LED



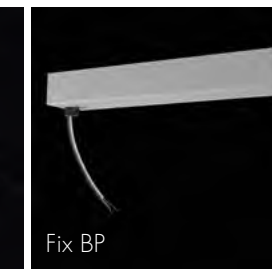
LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
470 lm/m	18W/m	-	RGB	21W/m	C	DALI, RF
600 lm/m	6,2W/m	90	3000K	7,3W/m	A+	DALI
	6,2W/m	90	4000K	7,3W/m	A+	
1200 lm/m	11,2W/m	90	3000K	13,2W/m	A+	DALI
	11,2W/m	90	4000K	13,2W/m	A+	

STANDARD COLOURS

- RAL 9016 TEX
- BRUSHED ALU
- BRUSHED GOLD
- BRUSHED BLACK
- BRUSHED CHAMPAGNE

STANDARD LENGTHS

LED STRIP	TOTAL LENGTH
1000 mm	1029 mm
1200 mm	1229 mm
1500 mm	1529 mm
1800 mm	1829 mm
2100 mm	2129 mm



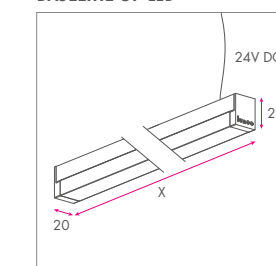
SUSPENSIONS AND DRIVER ENCLOSURE

- Fix BL (steel cables 2, 4 or 6 m).
- The driver can be placed at a distance, f.e. in the electrical cabinet.
- If this isn't possible, fix BP can be used to hold the driver. The driver and power supply cable are included. Fix BP is available in RAL 9016 TEX, 9006 TEX and 9005 TEX.
- Max. distance between suspension is 1m.

2. BASELINE UP



BASELINE UP LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
470 lm/m	18W/m	-	RGB	21W/m	C	DALI, RF
600 lm/m	6,2W/m	90	3000K	7,3W/m	A+	DALI
	6,2W/m	90	4000K	7,3W/m	A+	
1200 lm/m	11,2W/m	90	3000K	13,2W/m	A+	DALI
	11,2W/m	90	4000K	13,2W/m	A+	

STANDARD COLOURS

- RAL 9016 TEX
- BRUSHED ALU
- BRUSHED GOLD
- BRUSHED BLACK
- BRUSHED CHAMPAGNE

STANDARD LENGTHS

- Always custom made



3. CUSTOM MADE BASELINE

3.1. STRAIGHT LINE

3.1.1. Dimensions to take into account.

Total length baseline = length ledstrip + 29 mm

- Led strip can be cut every 50 mm
- RGB led strip can only be cut every 100 mm
- 29 mm = 2 end caps + connection zone electrical supply
 - End cap = 2 mm; 2 end caps needed = 4 mm
 - Connection zone electrical supply = 25 mm

- Minimum length = 529 mm (end caps and connection zone included)
- For Baseline Air maximum length = 2979 mm (end caps and connection zone included)
- Optional proximity switch. A connection zone of 75 mm is needed instead of 25 mm. Be aware that if you use a proximity switch the space of the switch isn't lit.

3.1.2. Examples

A) You would like to have a Baseline Air of 2885 mm.

- > Length led strip = 2850 mm
 - > Connection zone = 25 mm
 - > 2 end caps = 4 mm
- >> Total length = 2879 mm

B) You would like to have a Baseline Air of 2885 mm with an RGB led strip and proximity switch.

- > Length led strip = 2800 mm
 - > Connection zone = 75 mm
 - > 2 end caps = 4 mm
- >> Total length = 2879 mm

3.2. BASELINE WITH CORNERS

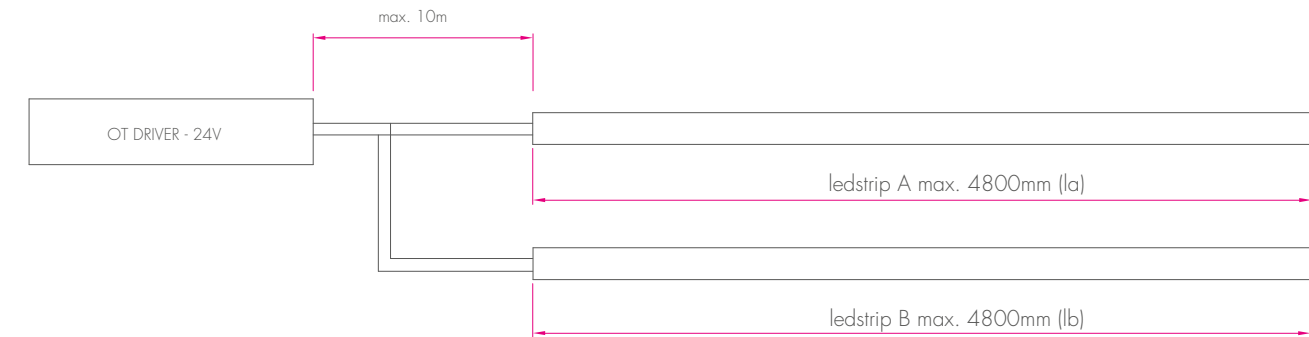
- Only possible for Baseline Up
- Corners are possible for mounting the Baseline on one surface or on multiple surfaces e.g. wall and ceiling connected.
- Only mitre joints (45°-corners)

3.2.1. Dimensions to take into account

- Led strip can be cut every 50 mm (or every 100 mm for RGB)
- Connection zone electrical supply = 25 mm
- When ledstrip > 4800 mm, dip zone of 10 mm (see "4. driver connection")
- 15 mm for junction with corner; for a connection zone in the corner 25 mm is needed.
- End cap = 2 mm

4. DRIVER CONNECTION BASELINE

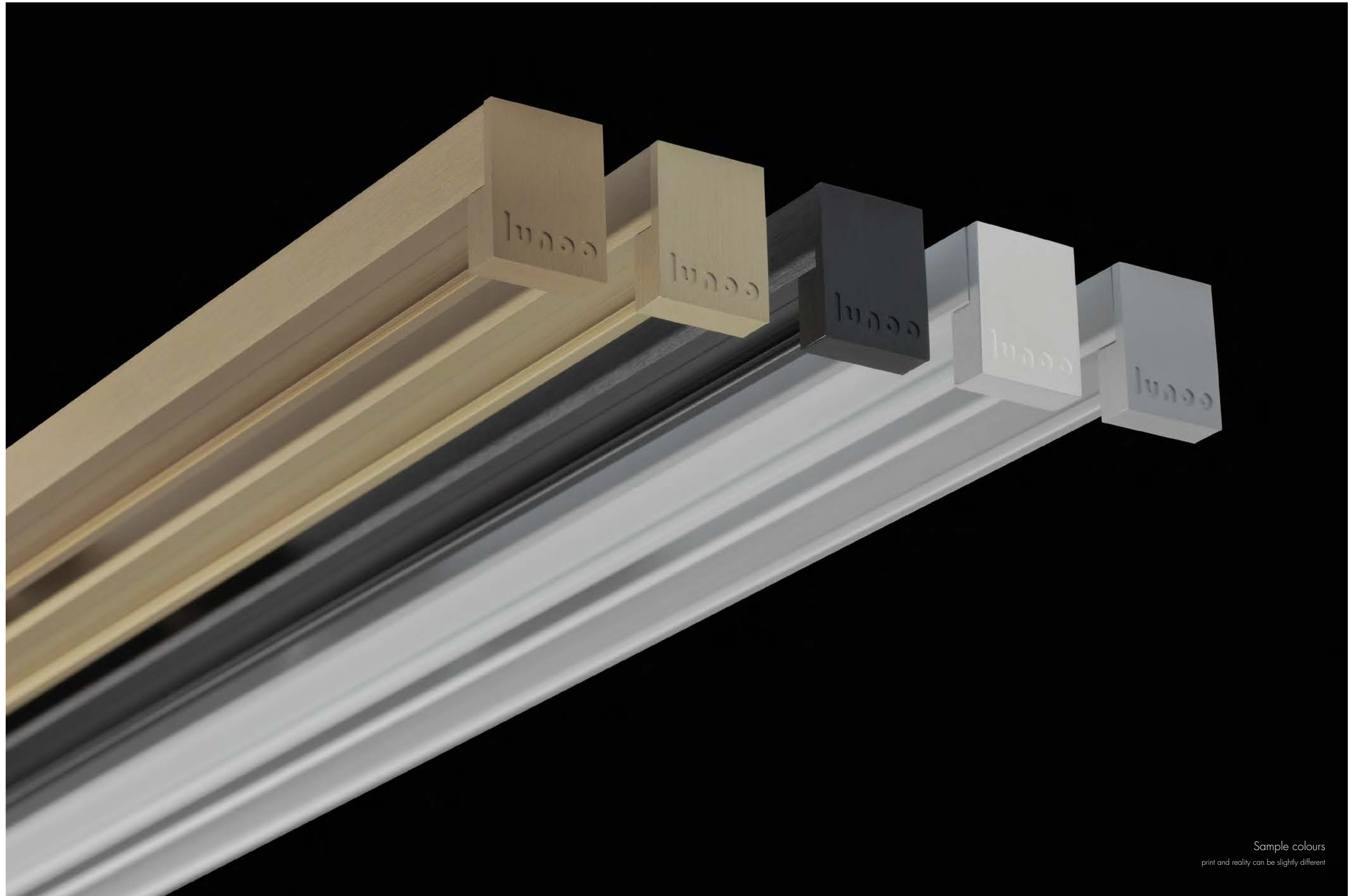
- The length of the 3000K/4000K led strip must not exceed 4800mm;
- The length of the RGB led strip must not exceed 4000mm.
- Maximum distance between driver and ledstrip is 10 meters.
- Maximum length per driver: $l_a + l_b + \dots = l_{max}/OT$
- Available drivers: 8W, 20W, 50W, 75W, 120W and 240W; RGB: 60W and 80W



BASELINE UP > 4800mm



Close-up of the end piece in brushed champagne



Sample colours
print and reality can be slightly different

Skyline

Skyline with plexi	204
Skyline with Vista	205



SKYLINE WITH PRISMATIC PLEXI

MOUNTING



OPTIONS



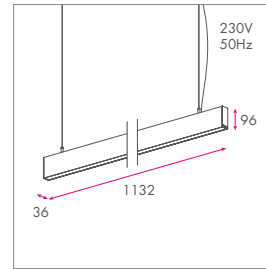
SUSPENSION

- fix I
- fix J
- fix GG

SKYLINE AIR



SKYLINE AIR 2x LED

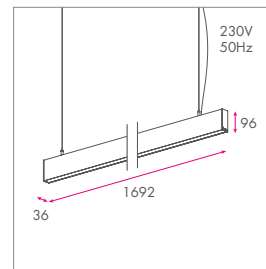


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2x 1250 lm	13,0W 13,0W	80	3000K 4000K	15,6W 15,6W	A++ A++	DALI
2x 2200 lm	24,8W 24,8W	80	3000K 4000K	28,4W 28,4W	A++ A++	DALI
2x 3000 lm	34,8W 34,8W	80	3000K 4000K	39,2W 39,2W	A++ A++	DALI
2x 4000 lm	47,8W 47,8W	80	3000K 4000K	52,2W 52,2W	A++ A++	DALI

REMARKS

- Prismatic plexi included

SKYLINE AIR 3x LED

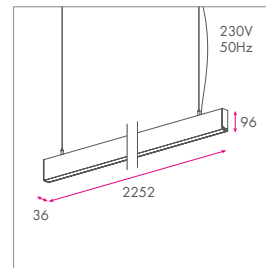


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
3x 1250 lm	19,5W 19,5W	80	3000K 4000K	21,9W 21,9W	A++ A++	DALI
3x 2200 lm	37,2W 37,2W	80	3000K 4000K	41,0W 41,0W	A++ A++	DALI
3x 3000 lm	52,2W 52,2W	80	3000K 4000K	56,6W 56,6W	A++ A++	DALI
3x 4000 lm	71,7W 71,7W	80	3000K 4000K	76,6W 76,6W	A++ A++	DALI

REMARKS

- Prismatic plexi included

SKYLINE AIR 4x LED

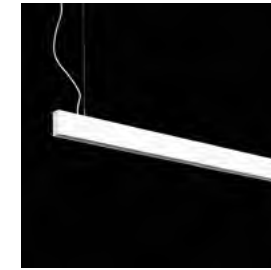


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
4x 1250 lm	26,0W 26,0W	80	3000K 4000K	29,7W 29,7W	A++ A++	DALI
4x 2200 lm	49,6W 49,6W	80	3000K 4000K	53,4W 53,4W	A++ A++	DALI
4x 3000 lm	69,6W 69,6W	80	3000K 4000K	75,1W 75,1W	A++ A++	DALI
4x 4000 lm	95,6W 95,6W	80	3000K 4000K	104,4W 104,4W	A++ A++	DALI

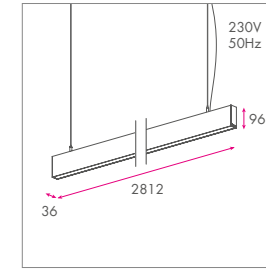
REMARKS

- Prismatic plexi included

SKYLINE AIR



SKYLINE AIR 5x LED

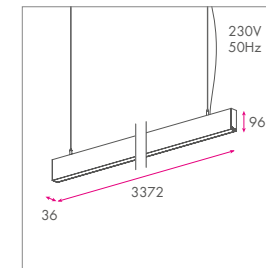


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
5x 1250 lm	32,5W 32,5W	80	3000K 4000K	37,5W 37,5W	A++ A++	DALI
5x 2200 lm	62,0W 62,0W	80	3000K 4000K	69,4W 69,4W	A++ A++	DALI
5x 3000 lm	87,0W 87,0W	80	3000K 4000K	95,8W 95,8W	A++ A++	DALI
5x 4000 lm	119,5W 119,5W	80	3000K 4000K	128,8W 128,8W	A++ A++	DALI

REMARKS

- Prismatic plexi included

SKYLINE AIR 6x LED

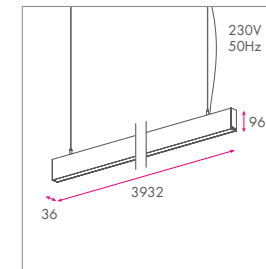


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
6x 1250 lm	39,0W 39,0W	80	3000K 4000K	45,3W 45,3W	A++ A++	DALI
6x 2200 lm	74,4W 74,4W	80	3000K 4000K	81,8W 81,8W	A++ A++	DALI
6x 3000 lm	104,4W 104,4W	80	3000K 4000K	114,3W 114,3W	A++ A++	DALI
6x 4000 lm	143,4W 143,4W	80	3000K 4000K	156,6W 156,6W	A++ A++	DALI

REMARKS

- Prismatic plexi included

SKYLINE AIR 7x LED

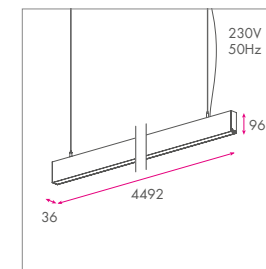


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
7x 1250 lm	45,5W 45,5W	80	3000K 4000K	51,6W 51,6W	A++ A++	DALI
7x 2200 lm	86,8W 86,8W	80	3000K 4000K	94,4W 94,4W	A++ A++	DALI
7x 3000 lm	121,8W 121,8W	80	3000K 4000K	131,7W 131,7W	A++ A++	DALI
7x 4000 lm	167,3W 167,3W	80	3000K 4000K	181,0W 181,0W	A++ A++	DALI

REMARKS

- Prismatic plexi included

SKYLINE AIR 8x LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
8x 1250 lm	52,0W 52,0W	80	3000K 4000K	59,4W 59,4W	A++ A++	DALI
8x 2200 lm	99,2W 99,2W	80	3000K 4000K	106,8W 106,8W	A++ A++	DALI
8x 3000 lm	139,2W 139,2W	80	3000K 4000K	150,2W 150,2W	A++ A++	DALI
8x 4000 lm	191,2W 191,2W	80	3000K 4000K	208,8W 208,8W	A++ A++	DALI

REMARKS

- Prismatic plexi included

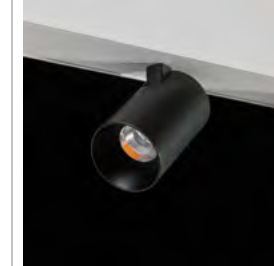
SKYLINE WITH VISTA



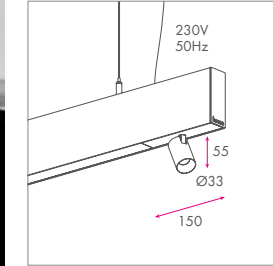
MOUNTING



VISTA I



VISTA I LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
400 lm @ 140mA	3,4W 3,4W	90 90	2700K 3000K	5,0W 5,0W	A+ A+	DAU

REMARKS
- 4000K on request

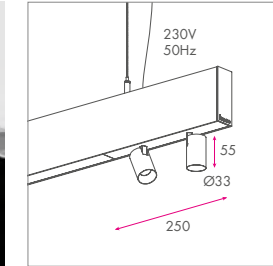
MOUNTING



VISTA II



VISTA II LED



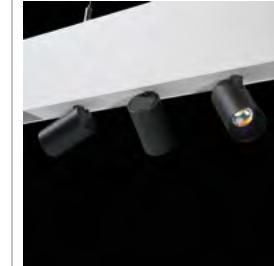
LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2x 400 lm @ 140mA	2x 3,4W 2x 3,4W	90 90	2700K 3000K	9,4W 9,4W	A+ A+	DAU

REMARKS
- 4000K on request

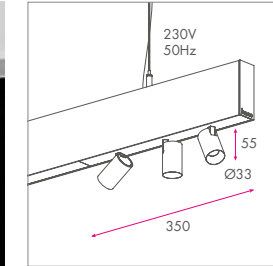
MOUNTING



VISTA III

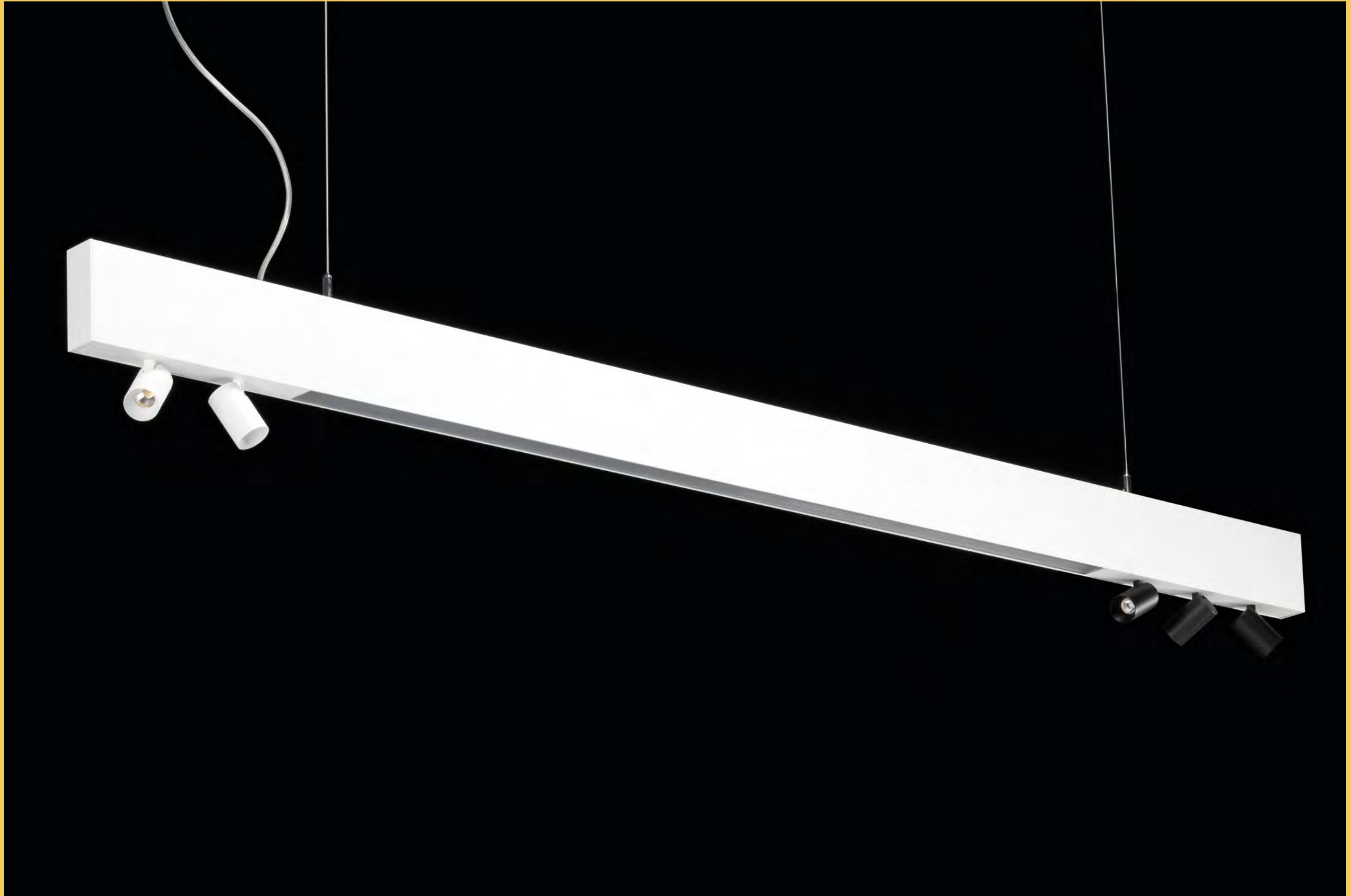


VISTA III LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
3x 400 lm @ 140mA	3x 3,4W 3x 3,4W	90 90	2700K 3000K	12,0W 12,0W	A+ A+	DAU

REMARKS
- 4000K on request



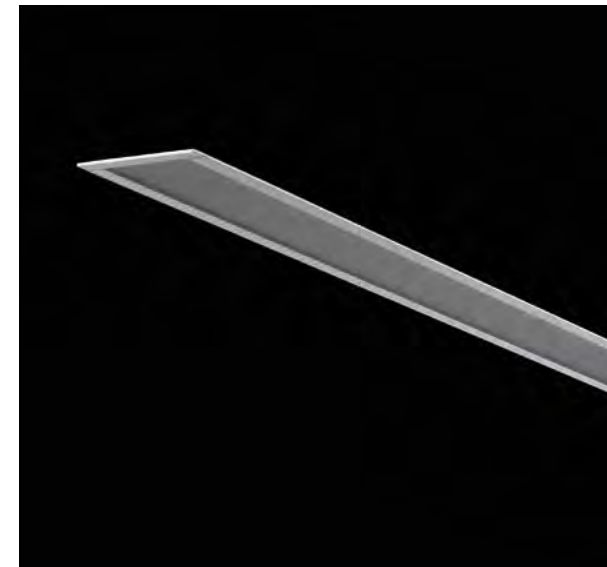
L-Way

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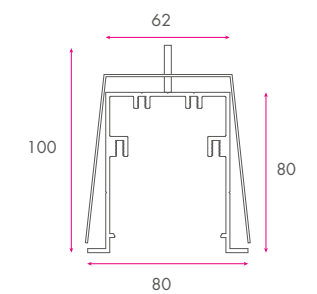
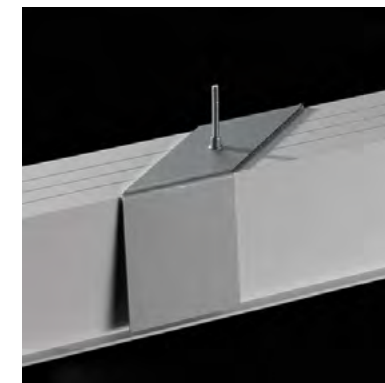
A. L-WAY LIGHT LINE

1. MOUNTING POSSIBILITIES

L-WAY



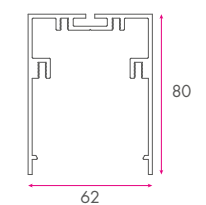
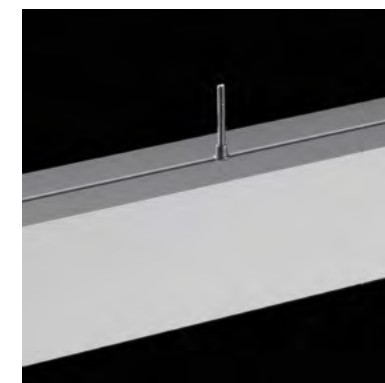
Installation with brackets



L-WAY UP



Mounted to the ceiling with screws



L-WAY AIR



The fixation system allows you to easily adapt the fixation to the mounting points of the ceiling and to adjust the height with the height adjusters.

Number of suspensions

$$= (\text{total length of rail} - 1) / 1,8 + 1 \text{ Rounded up}$$

- Always a minimum of 2 suspensions
- Outer suspension on 0,5 m from ends

Example:

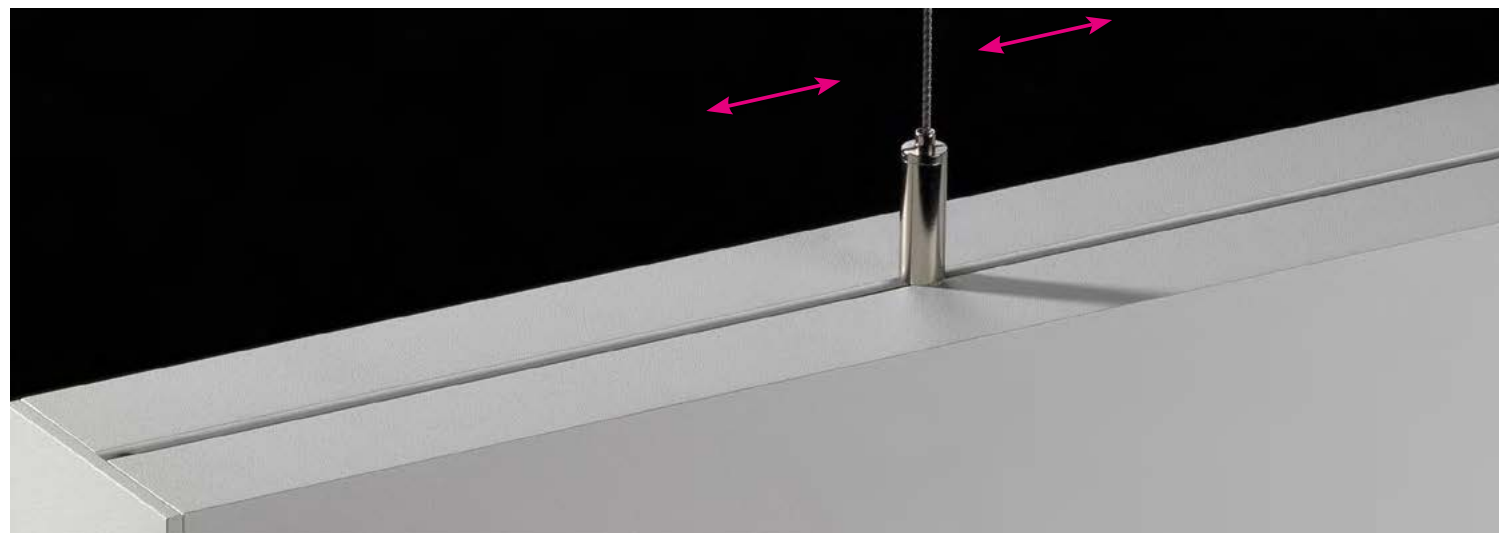
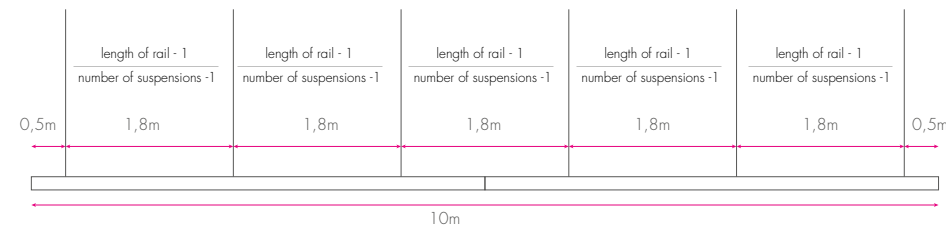
Length of L-WAY AIR: 10 040 mm = 10 m

> Number of suspensions

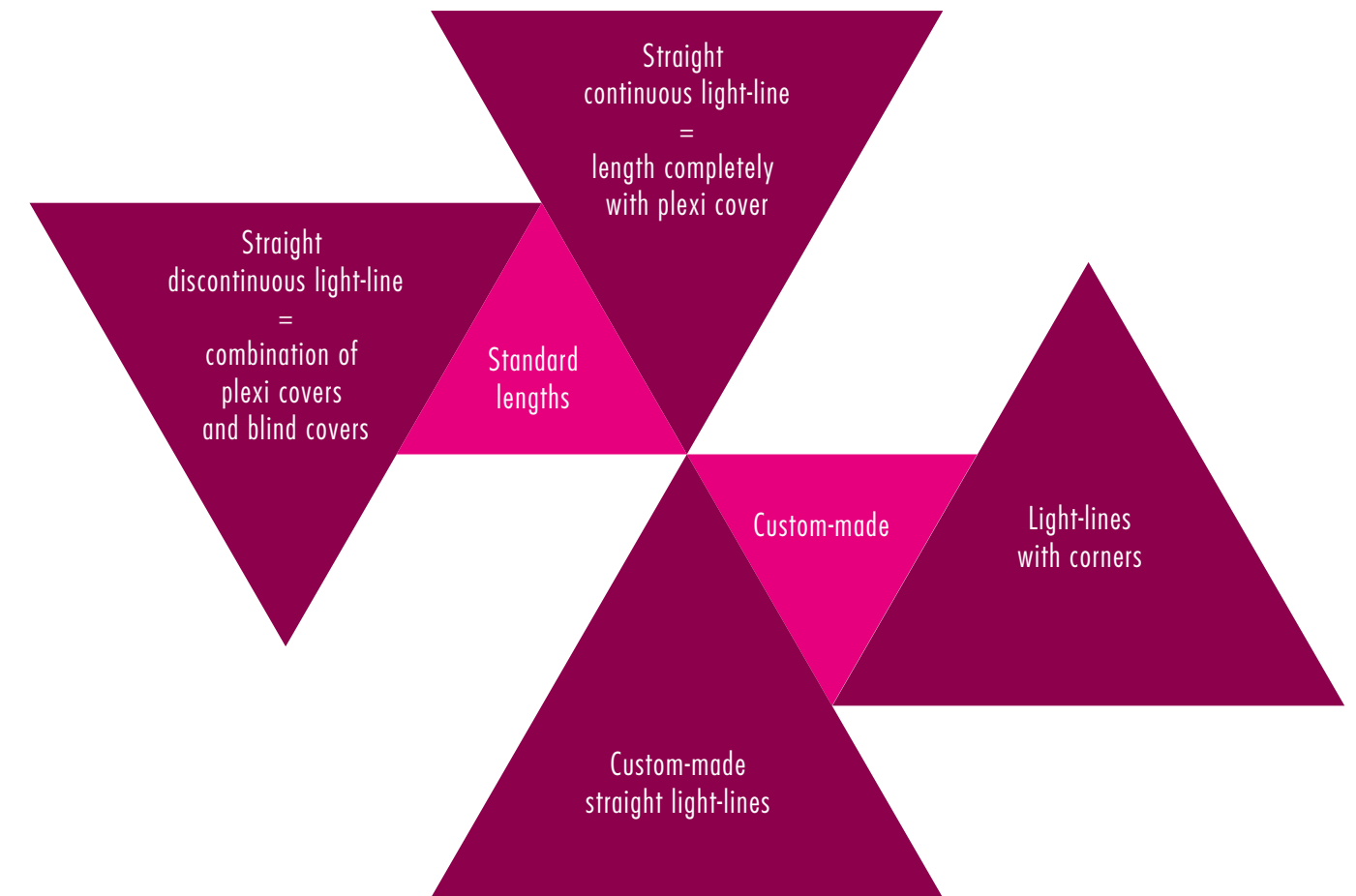
$$= (10 \text{ m} - 1 \text{ m}) / 1,8 + 1$$

$$= 5,5$$

$$= 6 \text{ suspensions (rounded up)}$$



2. CONFIGURATION



You have the option between:

- Straight continuous light-line = completely covered with plexi cover (**regular plexi or prismatic**)
- Straight discontinuous light-line = combination of plexi and blind covers
- Custom-made configuration
 - Variations on straight continuous light-lines and straight discontinuous light-lines
 - Configuration with corners = combination of continuous and/or discontinuous light-lines with corners.



2.1. STRAIGHT CONTINUOUS LIGHT LINE

= Length is completely covered with plexi

2.1.1. L-WAY

MOUNTING



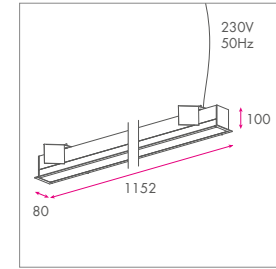
OPTIONS



L-WAY



L-WAY 2x LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2x 1250 lm	13,0W 13,0W	80	3000K 4000K	15,6W 15,6W	A++ A++	DAU
2x 2200 lm	24,8W 24,8W	80	3000K 4000K	28,4W 28,4W	A++ A++	DAU
2x 3000 lm	34,8W 34,8W	80	3000K 4000K	39,2W 39,2W	A++ A++	DAU
2x 4000 lm	47,8W 47,8W	80	3000K 4000K	52,2W 52,2W	A++ A++	DAU

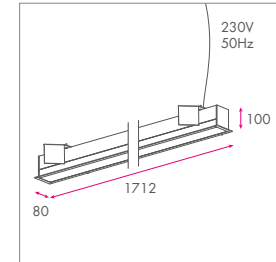
REMARKS

- UGR19 for 2x 1250lm with prismatic plexi

L-WAY



L-WAY 3x LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
3x 1250 lm	19,5W 19,5W	80	3000K 4000K	21,9W 21,9W	A++ A++	DAU
3x 2200 lm	37,2W 37,2W	80	3000K 4000K	41,0W 41,0W	A++ A++	DAU
3x 3000 lm	52,2W 52,2W	80	3000K 4000K	56,6W 56,6W	A++ A++	DAU
3x 4000 lm	71,7W 71,7W	80	3000K 4000K	76,6W 76,6W	A++ A++	DAU

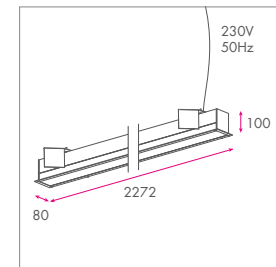
REMARKS

- UGR19 for 3x 1250lm with prismatic plexi

L-WAY



L-WAY 4x LED



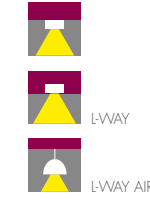
LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
4x 1250 lm	26,0W 26,0W	80	3000K 4000K	29,7W 29,7W	A++ A++	DAU
4x 2200 lm	49,6W 49,6W	80	3000K 4000K	53,4W 53,4W	A++ A++	DAU
4x 3000 lm	69,6W 69,6W	80	3000K 4000K	75,1W 75,1W	A++ A++	DAU
4x 4000 lm	95,6W 95,6W	80	3000K 4000K	104,4W 104,4W	A++ A++	DAU

REMARKS

- UGR19 for 4x 1250lm with prismatic plexi

2.1.2. L-WAY UP

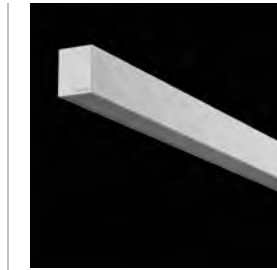
MOUNTING



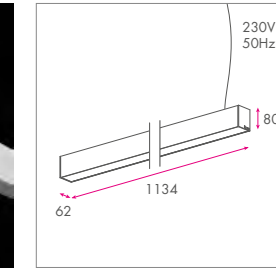
OPTIONS



L-WAY UP



L-WAY UP 2x LED

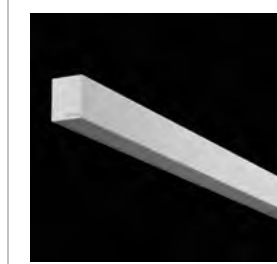


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2x 1250 lm	13,0W 13,0W	80	3000K 4000K	15,6W 15,6W	A++ A++	DAU
2x 2200 lm	24,8W 24,8W	80	3000K 4000K	28,4W 28,4W	A++ A++	DAU
2x 3000 lm	34,8W 34,8W	80	3000K 4000K	39,2W 39,2W	A++ A++	DAU
2x 4000 lm	47,8W 47,8W	80	3000K 4000K	52,2W 52,2W	A++ A++	DAU

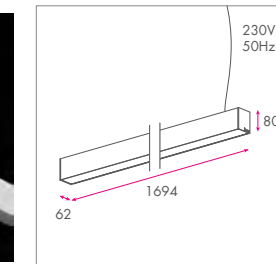
REMARKS

- UGR19 for 2x 1250lm with prismatic plexi

L-WAY UP



L-WAY UP 3x LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
3x 1250 lm	19,5W 19,5W	80	3000K 4000K	21,9W 21,9W	A++ A++	DAU
3x 2200 lm	37,2W 37,2W	80	3000K 4000K	41,0W 41,0W	A++ A++	DAU
3x 3000 lm	52,2W 52,2W	80	3000K 4000K	56,6W 56,6W	A++ A++	DAU
3x 4000 lm	71,7W 71,7W	80	3000K 4000K	76,6W 76,6W	A++ A++	DAU

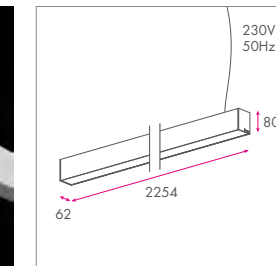
REMARKS

- UGR19 for 3x 1250lm with prismatic plexi

L-WAY UP



L-WAY UP 4x LED



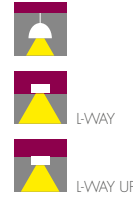
LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
4x 1250 lm	26,0W 26,0W	80	3000K 4000K	29,7W 29,7W	A++ A++	DAU
4x 2200 lm	49,6W 49,6W	80	3000K 4000K	53,4W 53,4W	A++ A++	DAU
4x 3000 lm	69,6W 69,6W	80	3000K 4000K	75,1W 75,1W	A++ A++	DAU
4x 4000 lm	95,6W 95,6W	80	3000K 4000K	104,4W 104,4W	A++ A++	DAU

REMARKS

- UGR19 for 4x 1250lm with prismatic plexi

2.1.3. L-WAY AIR

MOUNTING



OPTIONS



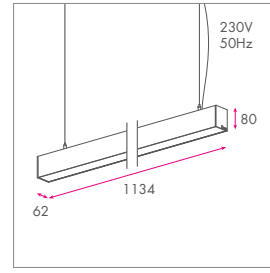
SUSPENSION

- fix I
- fix J
- fix GG

L-WAY AIR



L-WAY AIR 2x LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
2x 1250 lm	13,0W 13,0W	80	3000K 4000K	15,6W 15,6W	A++ A++	DALI
2x 2200 lm	24,8W 24,8W	80	3000K 4000K	28,4W 28,4W	A++ A++	DALI
2x 3000 lm	34,8W 34,8W	80	3000K 4000K	39,2W 39,2W	A++ A++	DALI
2x 4000 lm	47,8W 47,8W	80	3000K 4000K	52,2W 52,2W	A++ A++	DALI

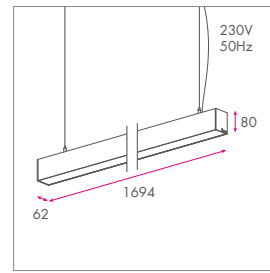
REMARKS

- UGR19 for 2x 1250lm with prismatic plexi

L-WAY AIR



L-WAY AIR 3x LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
3x 1250 lm	19,5W 19,5W	80	3000K 4000K	21,9W 21,9W	A++ A++	DALI
3x 2200 lm	37,2W 37,2W	80	3000K 4000K	41,0W 41,0W	A++ A++	DALI
3x 3000 lm	52,2W 52,2W	80	3000K 4000K	56,6W 56,6W	A++ A++	DALI
3x 4000 lm	71,7W 71,7W	80	3000K 4000K	76,6W 76,6W	A++ A++	DALI

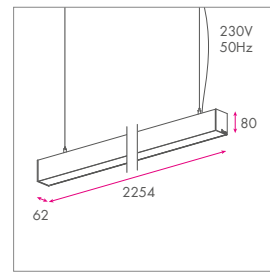
REMARKS

- UGR19 for 3x 1250lm with prismatic plexi

L-WAY AIR



L-WAY AIR 4x LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
4x 1250 lm	26,0W 26,0W	80	3000K 4000K	29,7W 29,7W	A++ A++	DALI
4x 2200 lm	49,6W 49,6W	80	3000K 4000K	53,4W 53,4W	A++ A++	DALI
4x 3000 lm	69,6W 69,6W	80	3000K 4000K	75,1W 75,1W	A++ A++	DALI
4x 4000 lm	95,6W 95,6W	80	3000K 4000K	104,4W 104,4W	A++ A++	DALI

REMARKS

- UGR19 for 4x 1250lm with prismatic plexi

2.1.4. Total Length

Length = modules + 2 end plates

L-WAY

2x LED	3x LED	4x LED	5x LED	6x LED	7x LED
1152 mm	1712 mm	2272 mm	2832 mm	3392 mm	3952 mm

L-WAY UP and L-WAY AIR

2x LED	3x LED	4x LED	5x LED	6x LED	7x LED
1134 mm	1394 mm	2254 mm	2814 mm	3374 mm	3934 mm

For longer standard lengths, please contact us (info@lunoo.eu).

2.1.5. Connections

An I-coupler is used when combining two straight pieces

- when length > 4,5m
- when transport / installation has limits on length





2.2. CUSTOM-MADE CONFIGURATION

Please contact us for calculating and drawing your system (info@lunoo.eu).

2.2.1. Custom-made straight light-line

The standard lengths are the minimum lengths.

See 2.1 straight continuous lightlines and 2.2. straight discontinuous light-lines

2.2.2. Configuration with corners

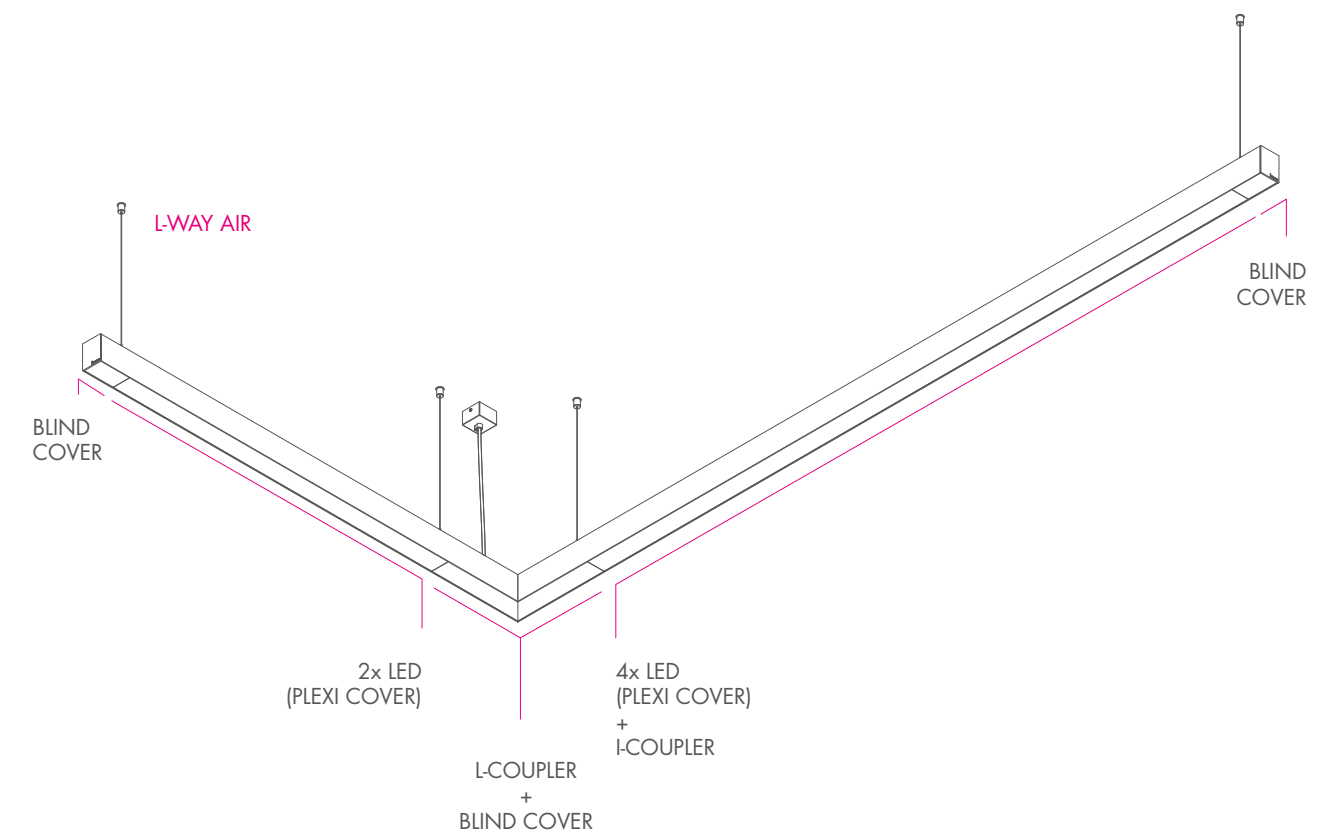
= Combination of continuous and/or discontinuous lines with corners.

2.2.2.1. Connections

An I-coupler is used when combining two straight pieces

- when length > 4,5m
- when transport / installation has limits on length

A L-coupler is used for making a corner





B. L-WAY TRACK

Do you wish to combine light lines with projectors whilst also creating an aesthetic result?

With the L-WAY TRACK UP and AIR, our 3-phase track is fitted into the L-WAY and UP. This give you the opportunity to combine light lines with projectors.

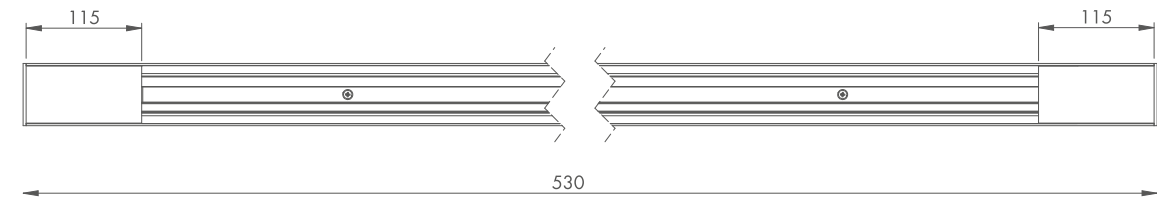


1. SPECIFICATIONS

Length

Minimal length 530 mm = 300 mm of usable track + 2 blindcovers, each 115 mm

Attachable weight



Max attached weight of 8 kg/m.

3-phase track

The L-WAY TRACK can be equipped with the standard 3-phase track or the 3-phase track with DALI.

3-phase track specifications



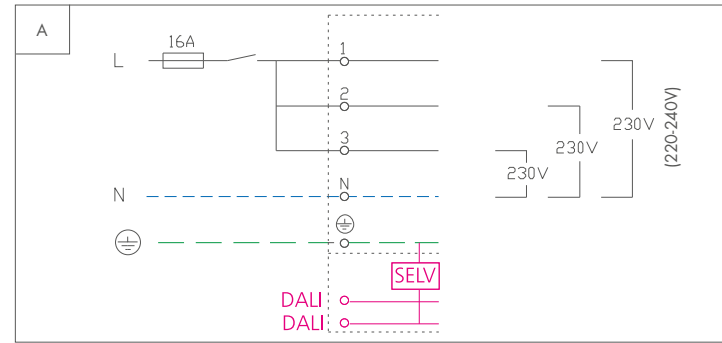
2. ELECTRICAL CONNECTION

A) ELECTRICAL CONNECTION FOR 230V ALTERNATING CURRENT.

Maximum load: 3600W (3400 - 3800W)

Load can be distributed over the three circuits at will.

Fuse: 1x 16A
 Supply cable: min. 3x 1,5mm²
 max. 3x 2,5mm²



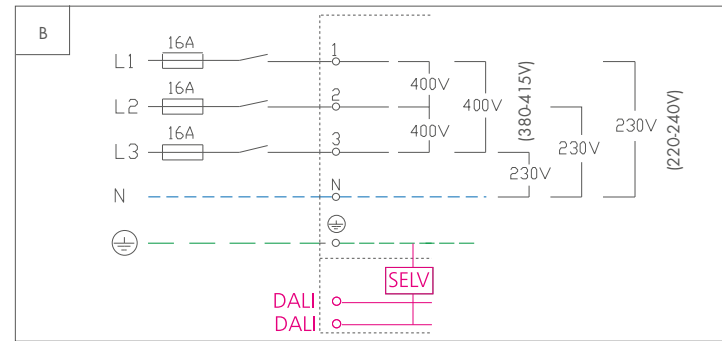
B) ELECTRICAL CONNECTION FOR 400V (415V) THREE-PHASE CURRENT.

Maximum load: 3x 3600W = 10800W (11 400W)

Each phase is separately fused.

Fuse: 3x 16A
 Supply cable: min. 5x 1,5mm²
 max. 5x 2,5mm²

Loading of live ends:
 all ends can be loaded as per A) and B)



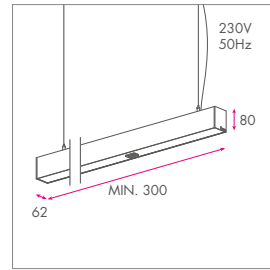
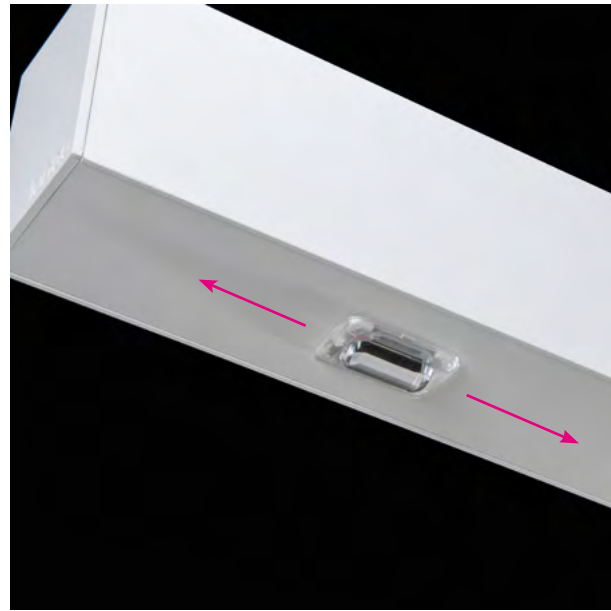


C. L-WAY EMERGENCY MODULES

The L-WAY AIR and UP can be equipped with a safety module anti-panic and escape-route. The safety modules have an autonomous battery of one hour.

1. ESCAPE-ROUTE

This module shows you the way when there's an emergency situation. It indicates the direction to walk through a small but long light beam for one hour.

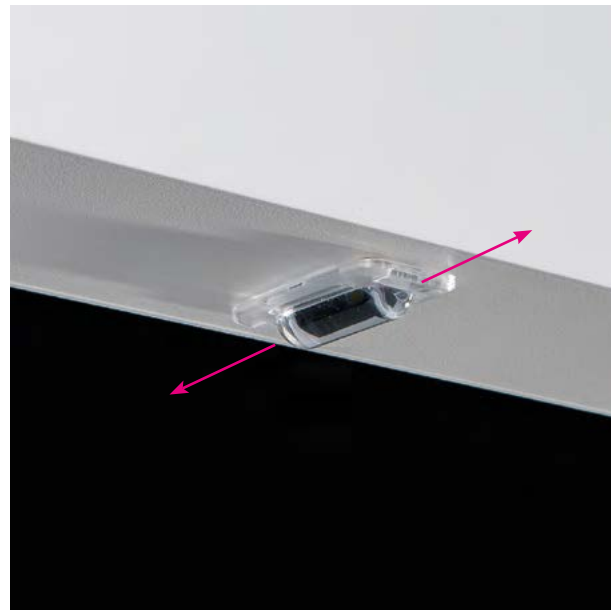


DRIVER	9016 TEX
230V incl.	9006 TEX
	9005 TEX

LUM. FLUX	LED PWR
110 lm	1W

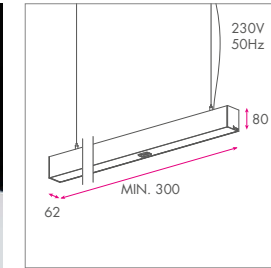
REMARKS

- Choose the right direction: along the profile or transverse



2. ANTI-PANIC

This module is used to reach the escape route safely when the light goes off unexpectedly. You can orient yourself, identify obstacles and move things when necessary. This module gives you enough light to avoid panic for one hour.

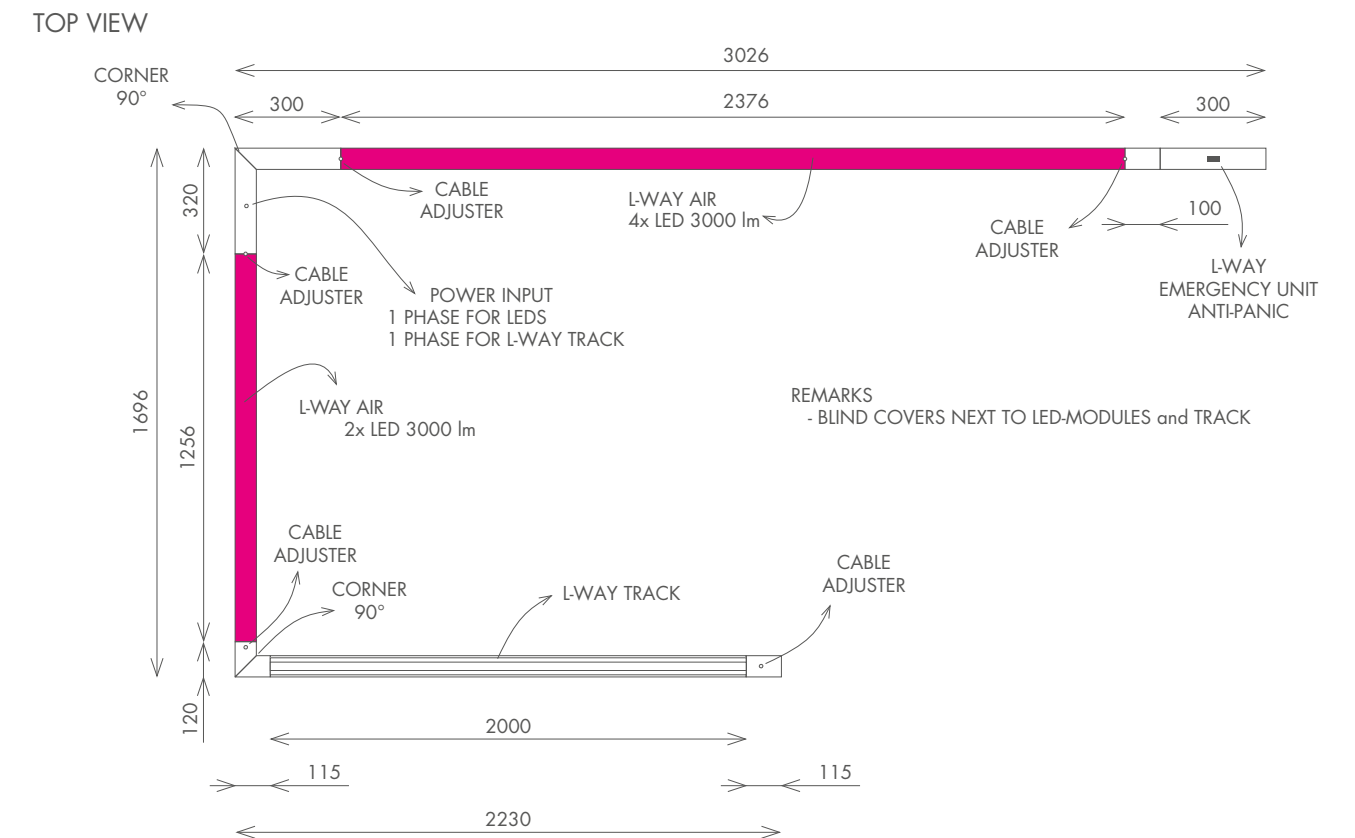


DRIVER	9016 TEX
230V incl.	9006 TEX
	9005 TEX

LUM. FLUX	LED PWR
122 lm	1W

D. PROJECT REQUEST

Example of the drawing to ask for an offer.

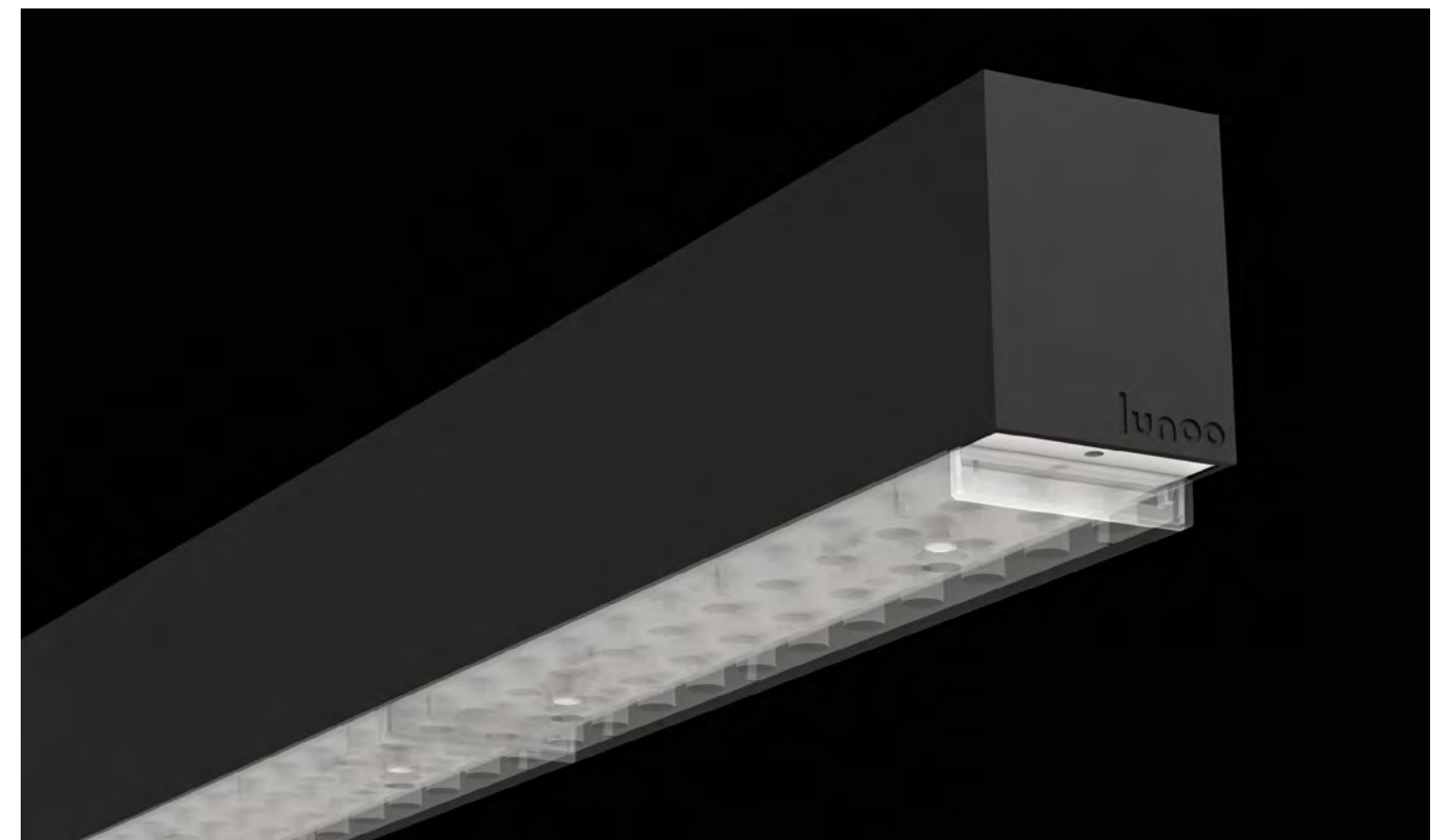
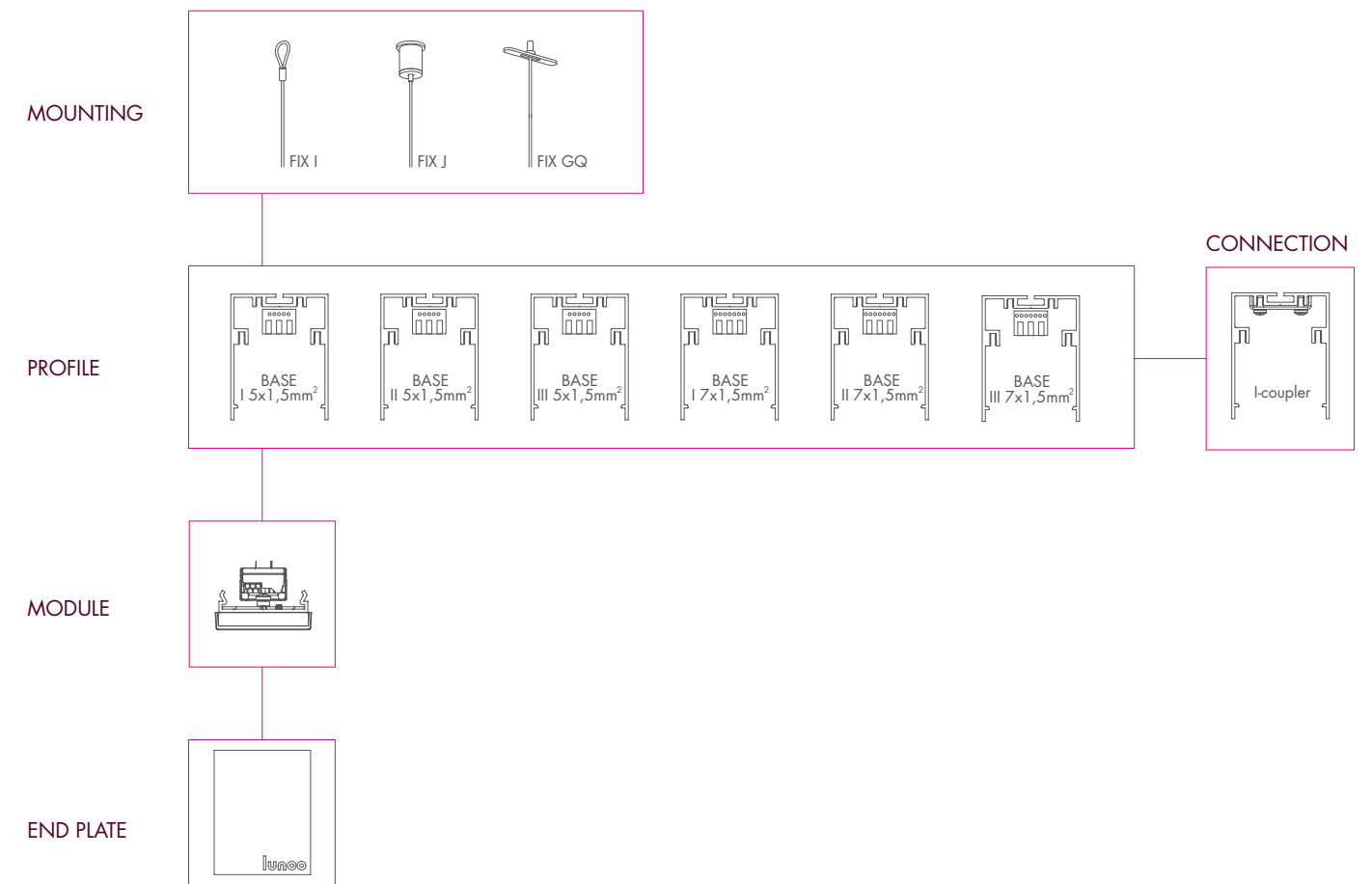




Pipeline Air

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1. SCHEME



2. PROFILE

MOUNTING



OPTIONS



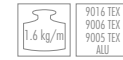
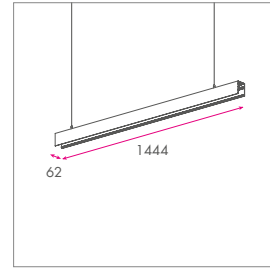
SUSPENSION

- fix I
- fix J
- fix GQ

PIPELINE AIR PROFILE



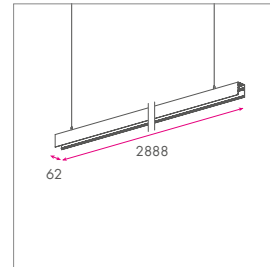
PIPELINE AIR PROFILE BASE I 5x 1,5



PIPELINE AIR PROFILE



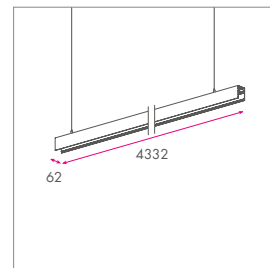
PIPELINE AIR PROFILE BASE II 5x 1,5



PIPELINE AIR PROFILE



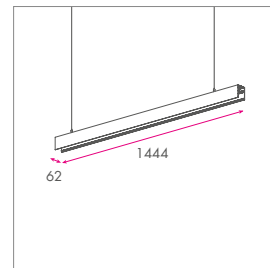
PIPELINE AIR PROFILE BASE III 5x 1,5



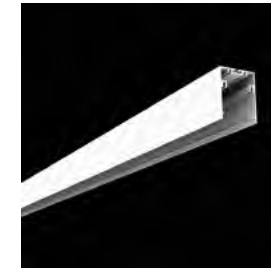
PIPELINE AIR PROFILE



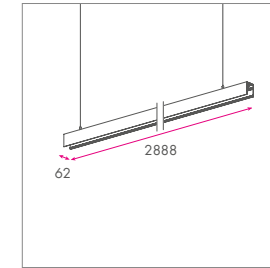
PIPELINE AIR PROFILE BASE I 7x 1,5



PIPELINE AIR PROFILE



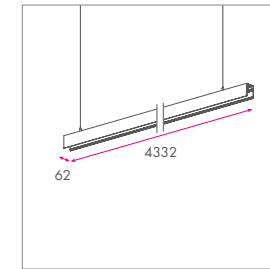
PIPELINE AIR PROFILE BASE II 7x 1,5



PIPELINE AIR PROFILE



PIPELINE AIR PROFILE BASE III 7x 1,5

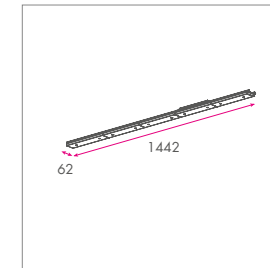


3. MODULE

PIPELINE AIR MODULE



PIPELINE AIR MODULE LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
5000 lm	31,0W 31,0W	80	3000K 4000K	36,5W 36,5W	A++	DAU
7000 lm	43,0W 43,0W	80	3000K 4000K	50,6W 50,6W	A++	DAU
9000 lm	57,5W 57,5W	80	3000K 4000K	67,6W 67,6W	A++	DAU

REMARKS

- 110°, double asymmetric and asymmetric on request

4. END CAPS

PIPELINE AIR END CAP





5. FIXATION

The fixation system allows you to easily adapt the fixation to the mounting points of the ceiling and to adjust the height with the height adjusters.

Number of suspensions

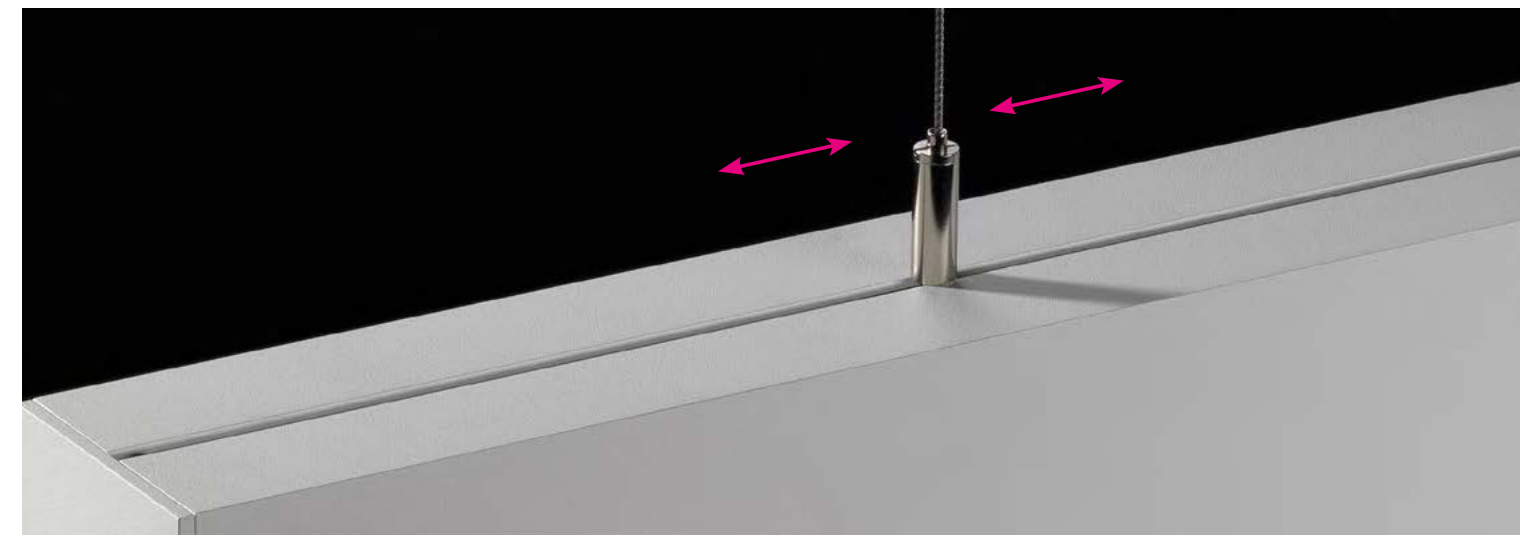
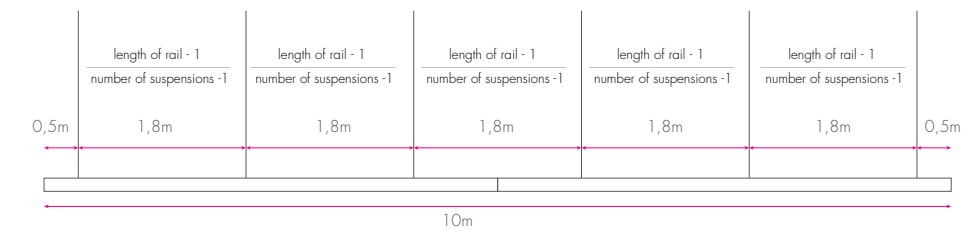
$$= (\text{total length of rail} - 1) / 1,8 + 1 \text{ Rounded up}$$

- Always a minimum of 2 suspensions
- Outer suspension on 0,5 m from ends

Example:

Length of PIPELINE AIR: 10108 mm (2x BASE III + 1x BASE I)

$$\begin{aligned} > \text{Number of suspensions} \\ &= (10 \text{ m} - 1 \text{ m}) / 1,8 + 1 \\ &= 5,5 \\ &= 6 \text{ suspensions (rounded up)} \end{aligned}$$



Small profiles

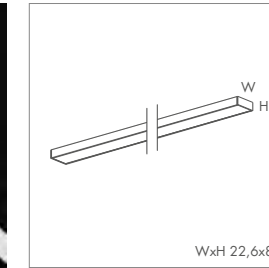
MOUNTING



PROFILE 22



PROFILE 22 LED

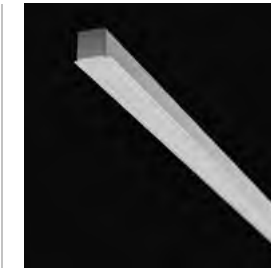


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
470 lm/m	18W/m	-	RGB	21W/m	C	DALI, RF
900 lm/m	12,25W/m	80	2700K	14,4W/m	A	DALI, RF
	12,25W/m	80	3000K	14,4W/m	A	
	12,25W/m	80	4000K	14,4W/m	A	
1500 lm/m	16,7W/m	80	2700K	19,6W/m	A	DALI, RF
	16,7W/m	80	3000K	19,6W/m	A	
	16,7W/m	80	4000K	19,6W	A+	
				2		

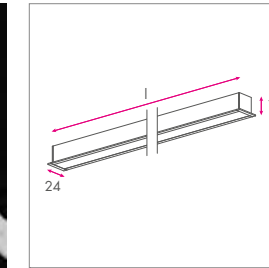
MOUNTING



PROFILE 18 IN



PROFILE 18 IN LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
470 lm/m	18W/m	-	RGB	21W/m	C	DALI, RF
900 lm/m	12,25W/m	80	2700K	14,4W/m	A	DALI, RF
	12,25W/m	80	3000K	14,4W/m	A	
	12,25W/m	80	4000K	14,4W/m	A	
1500 lm/m	16,7W/m	80	2700K	19,6W/m	A	DALI, RF
	16,7W/m	80	3000K	19,6W/m	A	
	16,7W/m	80	4000K	19,6W	A+	
				2		

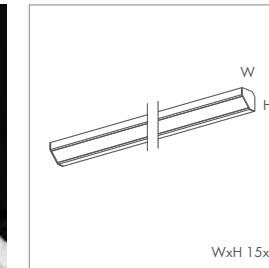
MOUNTING



CORNER PROFILE 45°



CORNER PROFILE 45° LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL	DIM
470 lm/m	18W/m	-	RGB	21W/m	C	DALI, RF
900 lm/m	12,25W/m	80	2700K	14,4W/m	A	DALI, RF
	12,25W/m	80	3000K	14,4W/m	A	
	12,25W/m	80	4000K	14,4W/m	A	
1500 lm/m	16,7W/m	80	2700K	19,6W/m	A	DALI, RF
	16,7W/m	80	3000K	19,6W/m	A	
	16,7W/m	80	4000K	19,6W	A+	
				2		





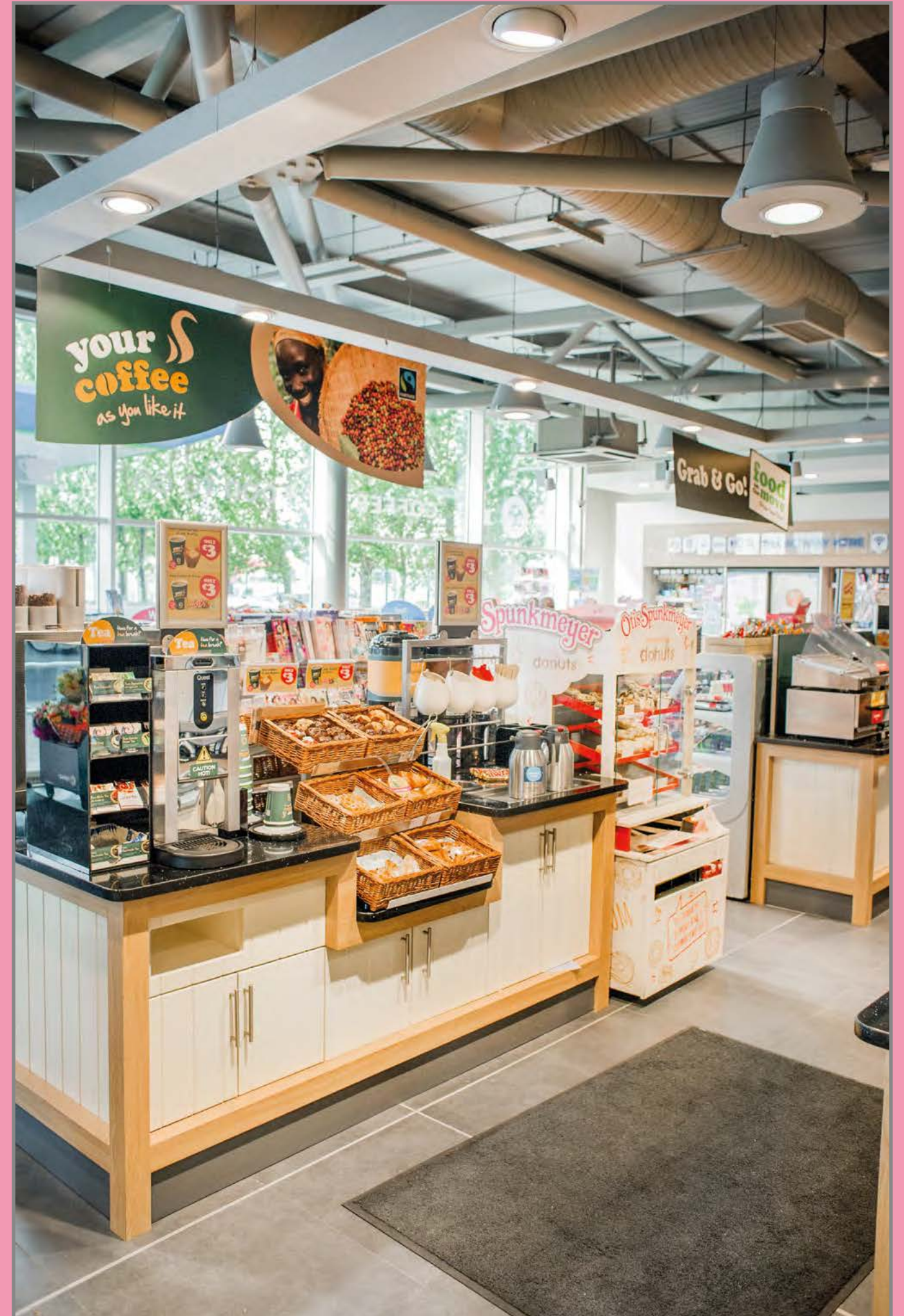
Modular systems

HIGHWAY
B-TRACK

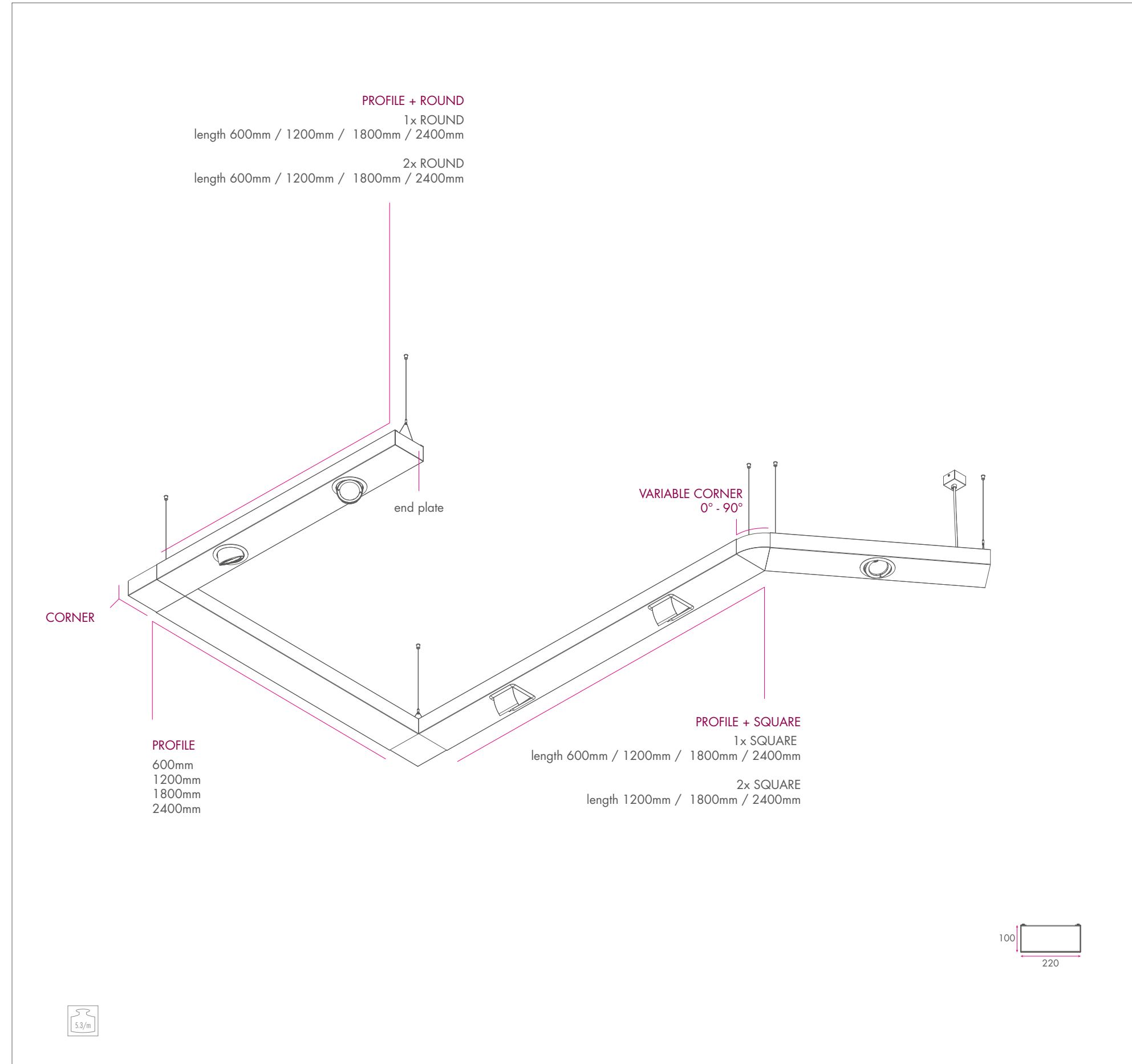
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Highway







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CONFIGURATION EXAMPLE

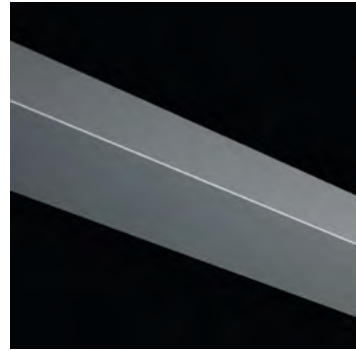


FIXTURES YOU CAN USE WITH THE HIGHWAY

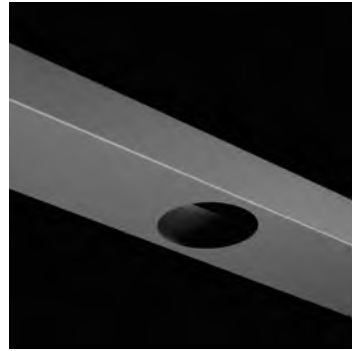
-  SCOOP
-  LOTUS
-  APOLLO
-  MEE VULCANO
-  CARERO
-  POLARIS



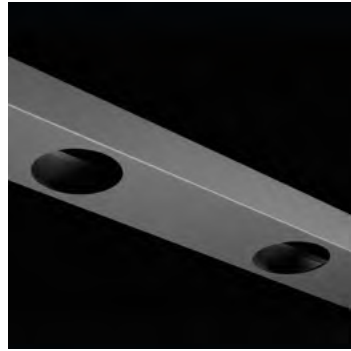
MODULES



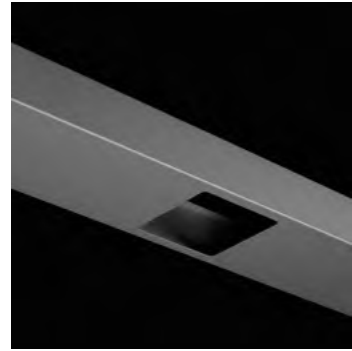
HIGHWAY PROFILE



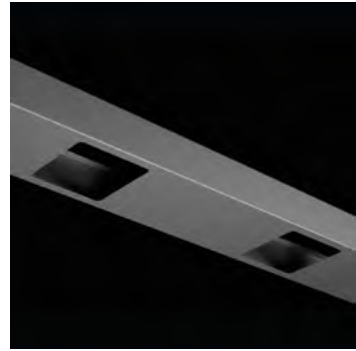
HIGHWAY PROFILE + 1x ROUND 190



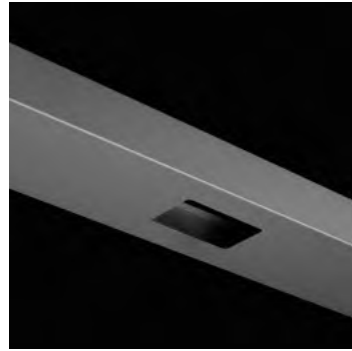
HIGHWAY PROFILE + 2x ROUND 190



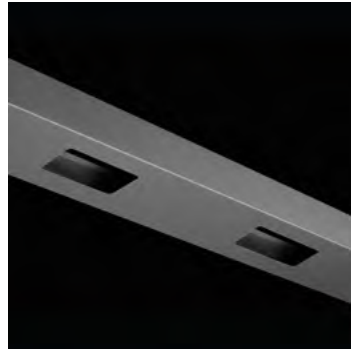
HIGHWAY PROFILE + 1x SQUARE 176



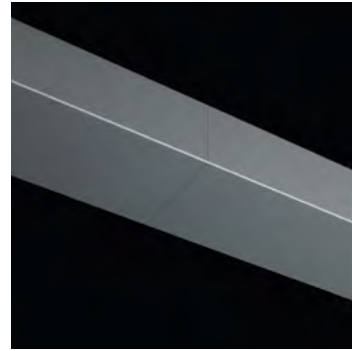
HIGHWAY PROFILE + 2x SQUARE 176



HIGHWAY PROFILE + 1x RECTANGLE 260X125



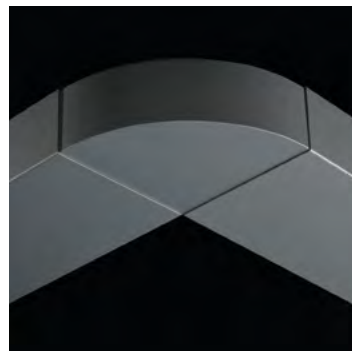
HIGHWAY PROFILE + 2x RECTANGLE 260X125



CONNECTOR



CORNER



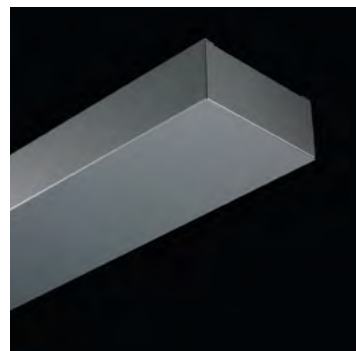
VARIABLE CORNER 90°



X CONNECTOR



T CONNECTOR



END PIECE

MOUNTING



MOUNTING



MOUNTING



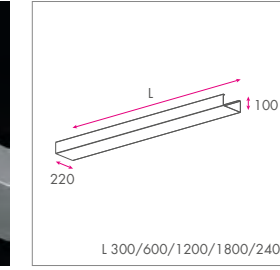
MOUNTING



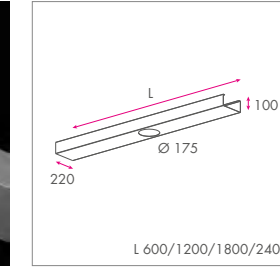
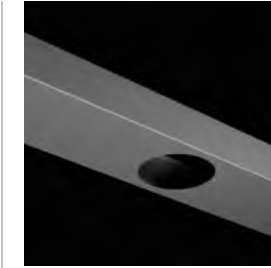
HIGHWAY PROFILE



HIGHWAY PROFILE

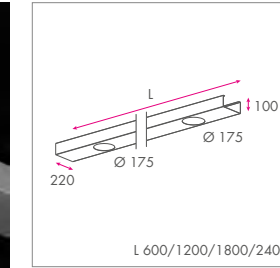
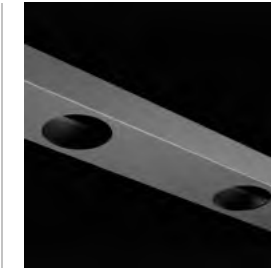


HIGHWAY PROFILE + 1X ROUND 190



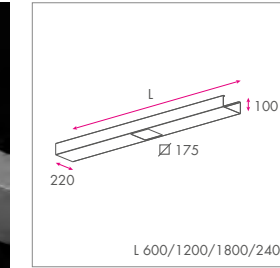
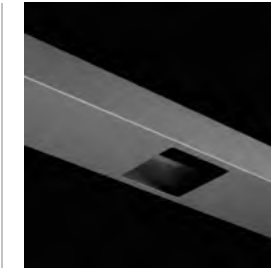
REMARKS
- For Scoop / Lotus / Apollo

HIGHWAY PROFILE + 2X ROUND 190



REMARKS
- For Scoop / Lotus / Apollo

HIGHWAY PROFILE + 1X SQUARE 176

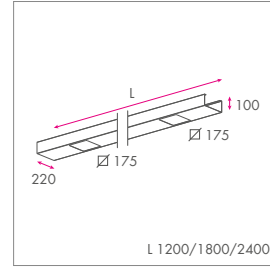
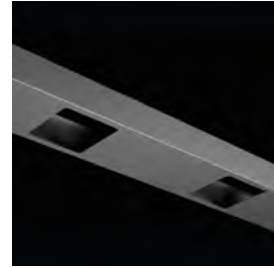


REMARKS
- For Carero

MOUNTING



HIGHWAY PROFILE + 2X SQUARE 176

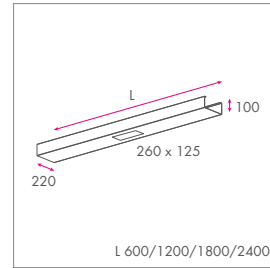
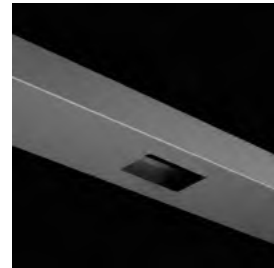


REMARKS
- For Carero

MOUNTING



HIGHWAY PROFILE + 1X RECTANGLE 260X125

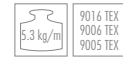
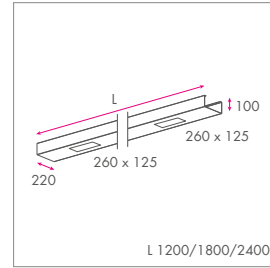


REMARKS
- For Polaris

MOUNTING



HIGHWAY PROFILE + 2X RECTANGLE 260X125



REMARKS
- For Polaris

SUSPENSIONS

FIX HT



Use fix HT + fix GQ, GP, I or J

FIX GQ



FIX GP



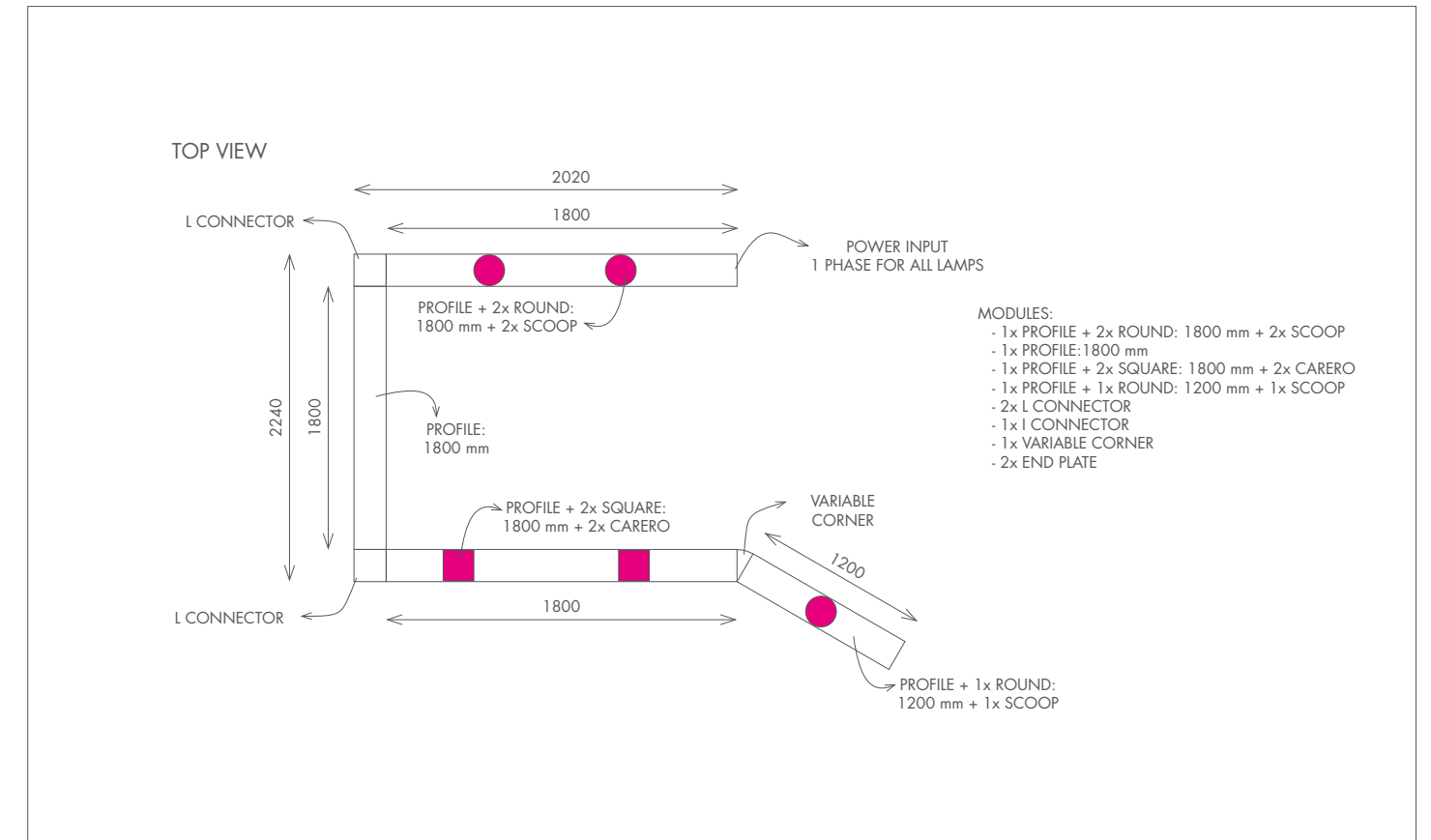
FIX I



FIX J



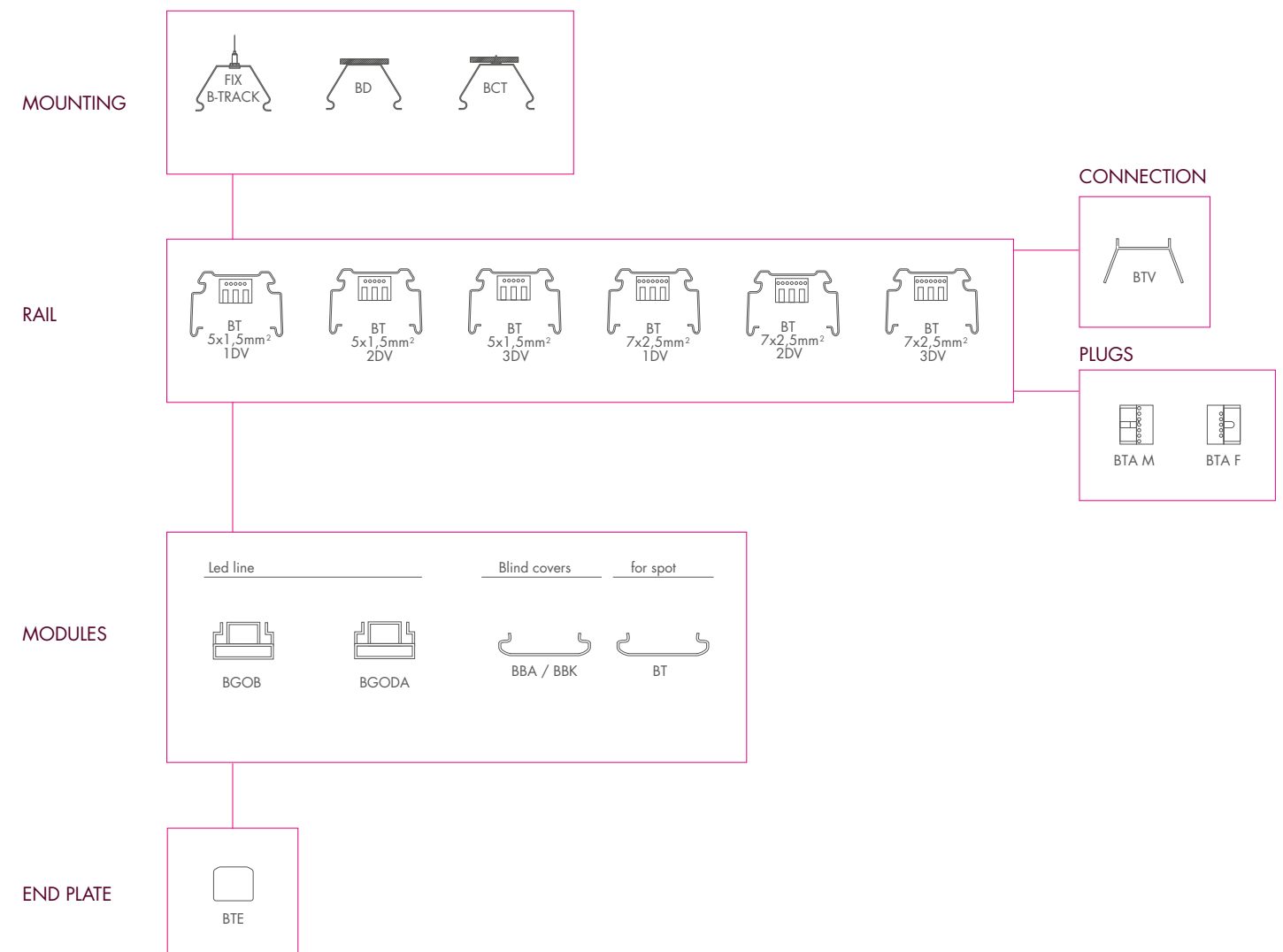
REQUEST YOUR HIGHWAY



B-Track

Scheme	257
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Rail	264
Connections	264
Mounting fixation	265
Assembly instructions	266

SCHEME



SHORTLIST MODULES

BGOB = lens optics wide symmetric
 BGODA = lens optics double asymmetric

BBA = blind cover aluminium
 BBK = blind cover plastic
 BT = cover to attach spot



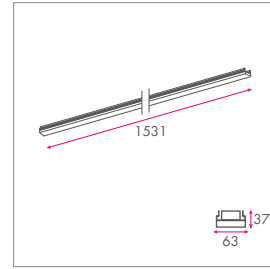
MODULES

LED LINE

B-TRACK MODULE BGOB



B-TRACK MODULE BGOB LED

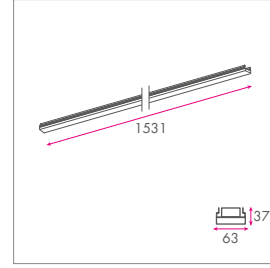


	DRIVER 230V incl.		IP20		1.1 kg/m	LENS 95°	9016		PLEXI	5Y 20khr
LUM. FLUX	CRI	CCT	SYSTEM PWR	EEI	DIM					
6000	80	3000K	38,9W 38,9W	A++	DALI					
8000	80	3000K 4000K	56,4W 56,4W	A++ A++	DALI					

B-TRACK MODULE BGODA



B-TRACK MODULE BGODA LED



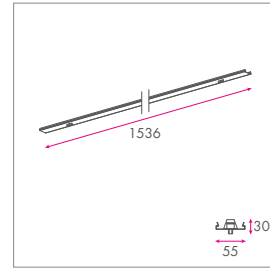
	DRIVER 230V incl.		IP20		1.1 kg/m	LENS Double asym.	9016		PLEXI	5Y 20khr
LUM. FLUX	CRI	CCT	SYSTEM PWR	EEI	DIM					
8000	80	3000K 4000K	56,4W 56,4W	A++ A++	DALI					

BLIND COVERS

B-TRACK MODULE BBA



B-TRACK MODULE BBA

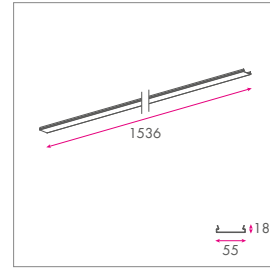


		0.85	9006	5Y 20khr
--	--	------	------	--------------------

B-TRACK MODULE BBK



B-TRACK MODULE BBK



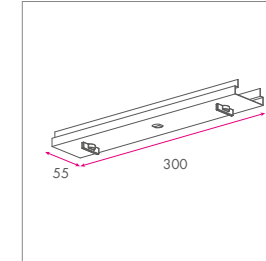
		0.24	9006	5Y 20khr
--	--	------	------	--------------------

FOR SPOT

FIX BT



FIX BT



	0.1	9006
--	-----	------

REMARKS
- For B-track

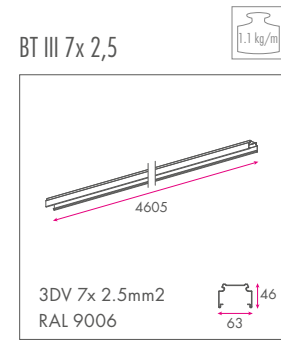
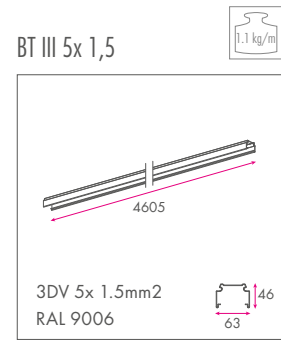
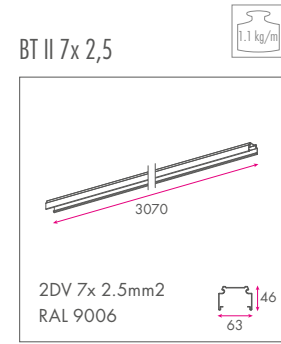
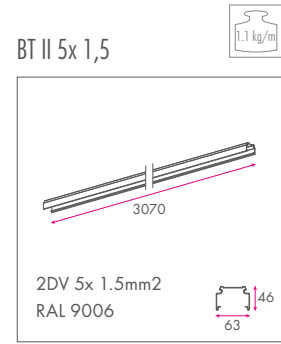
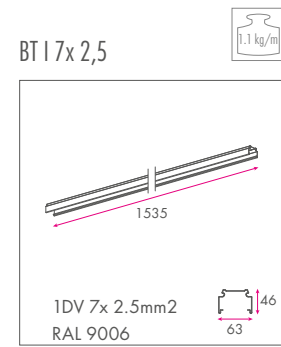
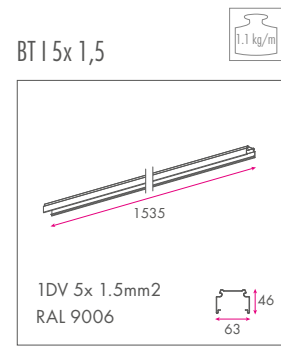


U Express / BE - Saint-Jean-de-Védas



RAIL

BT 5x 1,5



BT 7x 2,5



CONNECTIONS BT 5x1,5 AND BT 7x2,5

BTV



PLUGS



MOUNTING

MODULAR CEILING / FIX BCT



CEILING / FIX BD



SUSPENDED / FIX B-TRACK



To be used with fix GQ, I or J

FIX GQ



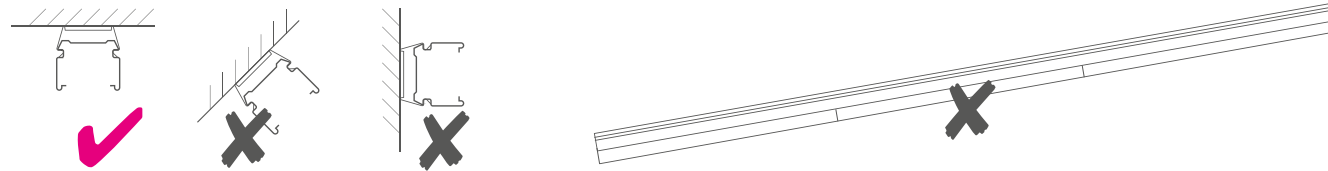
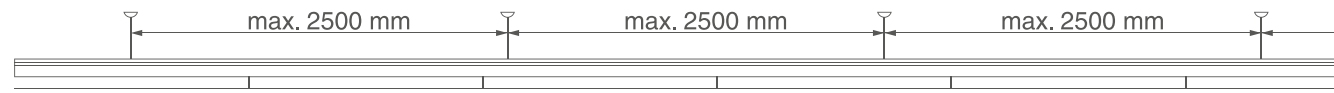
FIX I



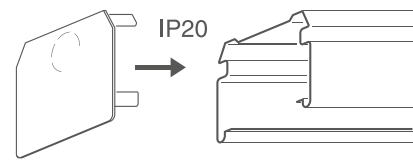
FIX J



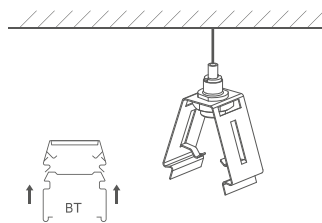
ASSEMBLY INSTRUCTIONS



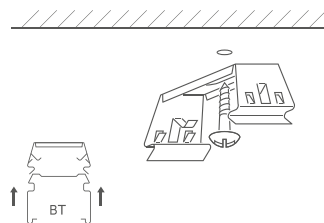
BTE



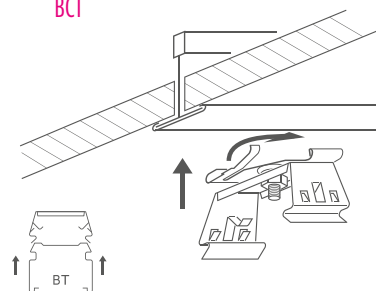
FIX B-TRACK



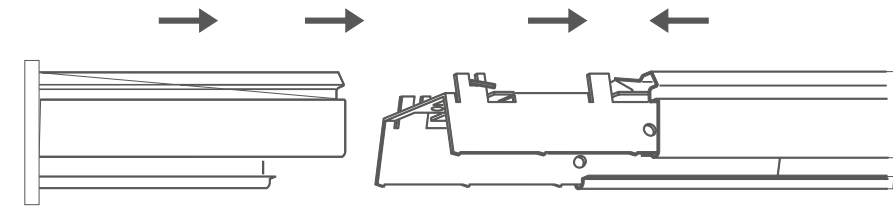
BD



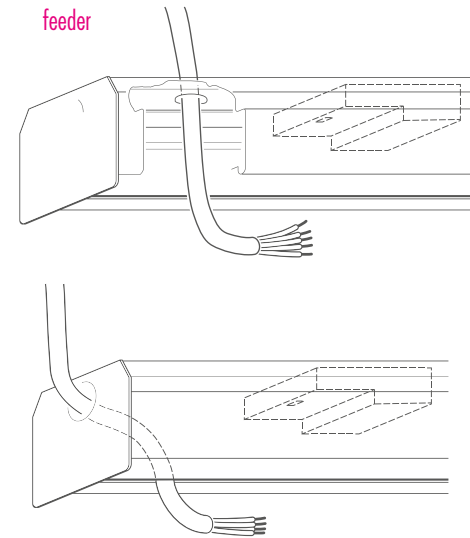
BCT



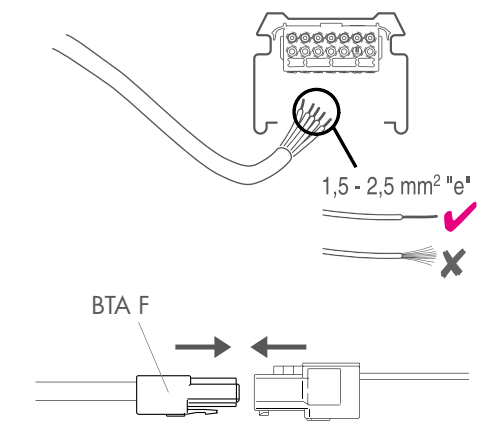
BTV



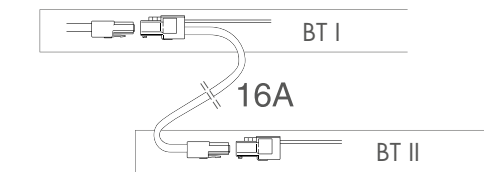
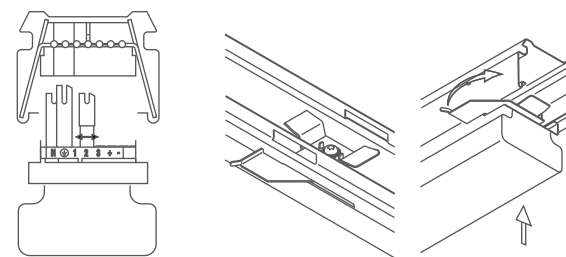
feeder



BTA M / BTA F



BGOB / BGODA







Reflex

ME-E FORMA 4	272
ME-E VULCANO 3	272
ME-E VULCANO 4	272
SATEL'LITE ME-E VULCANO 3	273
SATEL'LITE ME-E VULCANO 4	273
ME-E PIRAMIDO 4	274

MOUNTING



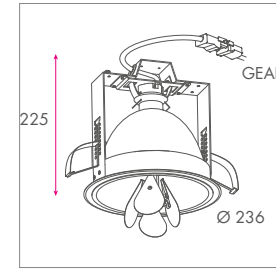
OPTIONS



ME-E FORMA 4



ME-E FORMA 4 HIT



LAMP POWER	LUM. FLUX	CRI	CCT	SYSTEM PWR	EEL
35W ELL	4000 lm 3800 lm	90	3000K 4200K	42W	A+
35W EVO	4300 lm	90	3000K	42W	A+
50W ELL	5400 lm 5000 lm	90	3000K 4200K	55W	A+
70W ELL	7800 lm 7500 lm	90	3000K 4200K	80W	A+
70W EVO	8800 lm	90	3000K	80W	A+
100W ELL	11000 lm 10500 lm	90	3000K 4200K	110W	A+

MOUNTING



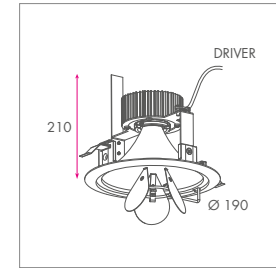
OPTIONS



ME-E VULCANO 3



ME-E VULCANO 3 LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+

MOUNTING



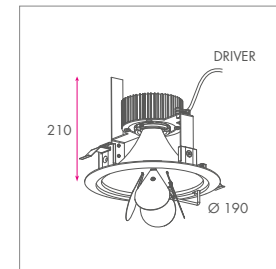
OPTIONS



ME-E VULCANO 4

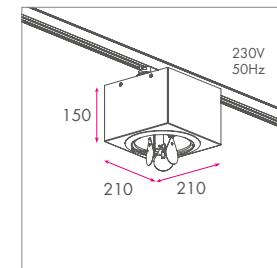
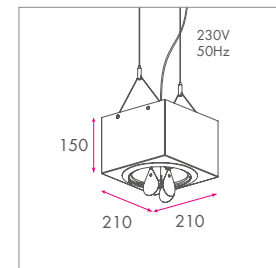


ME-E VULCANO 4 LED

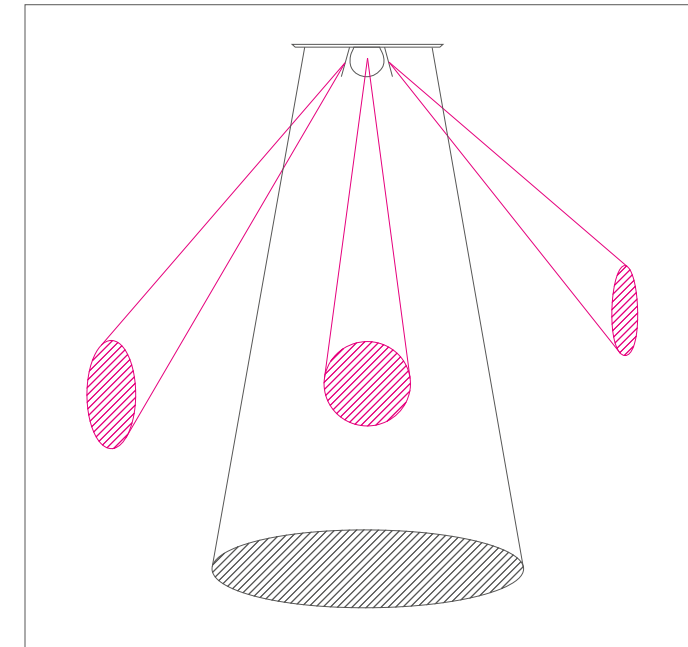


LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+

ENCLOSURES FOR ME-FORMA AND ME-E VULCANO



LIGHT CHARACTERISTICS OF REFLEX



MOUNTING



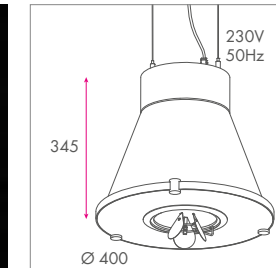
OPTIONS



SUSPENSION

- fix 2I
- fix 2J
- fix 2T
- fix 2GQ

SATEL'LITE ME-E VULCANO 3 SATEL'LITE ME-E VULCANO 3 LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+

MOUNTING



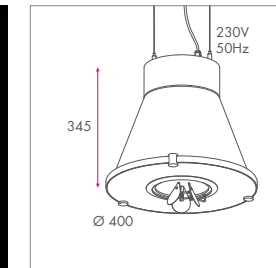
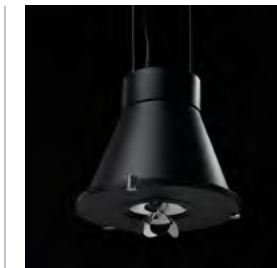
OPTIONS



SUSPENSION

- fix 2I
- fix 2J
- fix 2T
- fix 2GQ

SATEL'LITE ME-E VULCANO 4 SATEL'LITE ME-E VULCANO 4 LED



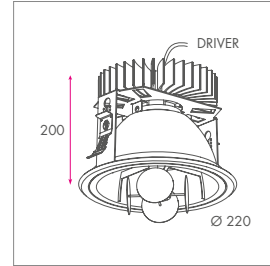
LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL
4500 lm	39,6W 35,7W 33,9W	92	2700K 3000K 4000K	43,8W 39,6W 39,1W	A+ A+ A+



ME-E PIRAMIDO 4

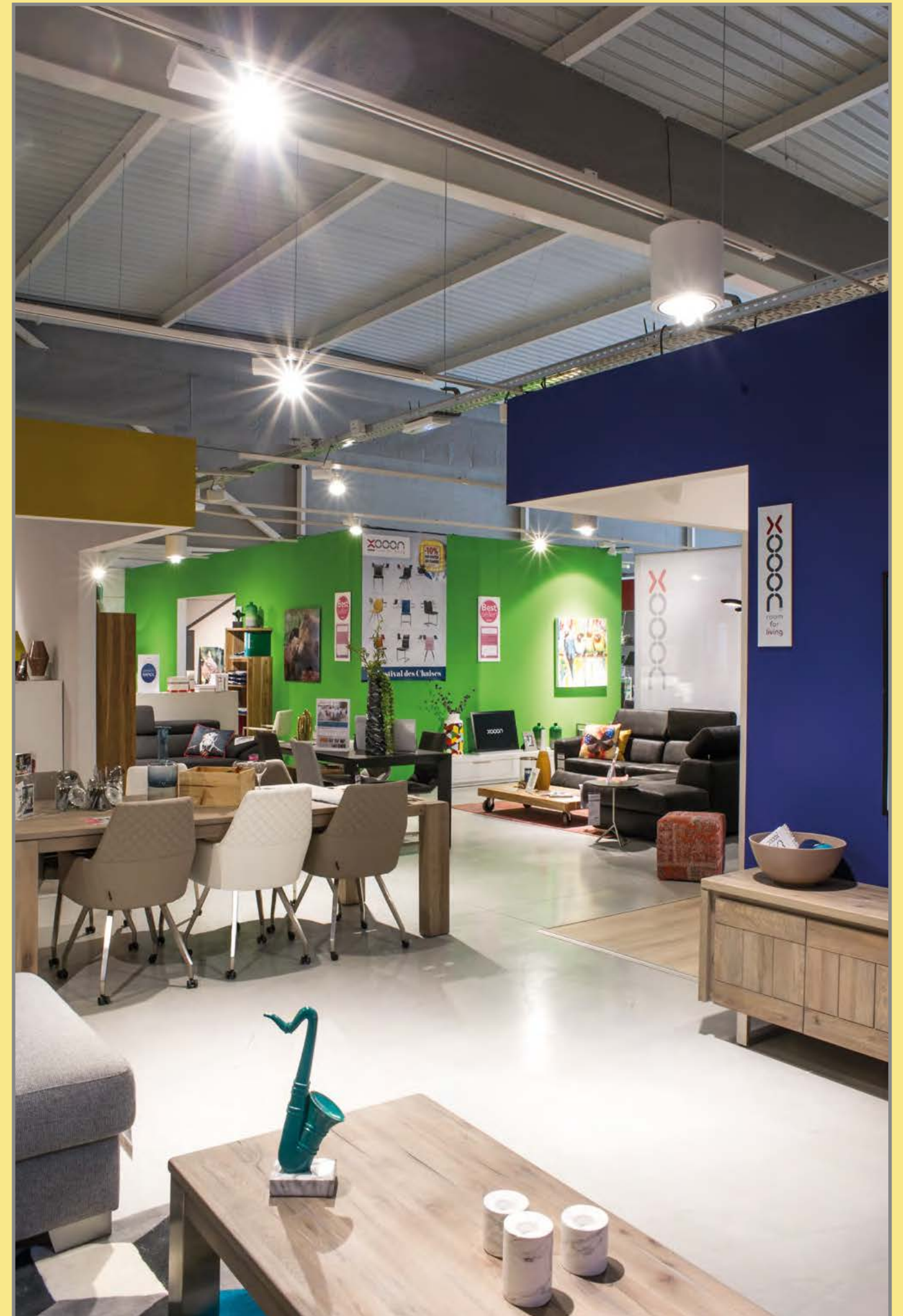
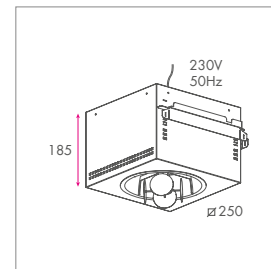
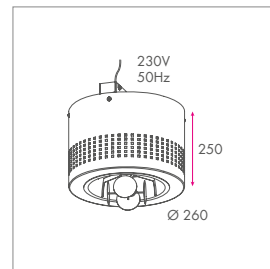
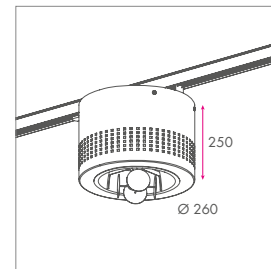
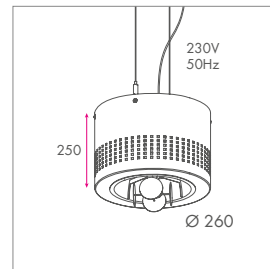


ME-E PIRAMIDO 4 LED



LUM. FLUX	LED PWR	CRI	CCT	SYSTEM PWR	EEL
5000 lm	44,0W 44,0V	90	2700K 3000K	48,0W 48,0V	A+ A+

ENCLOSURES FOR ME-E PIRAMIDO







Accessories

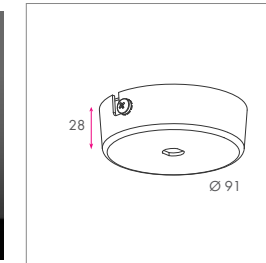
FIX A	281	FIX GV	292
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FIX 4GP	289	POWER CONVERTERS	304
FIX GQ	292		
FIX 2GQ	292		
FIX 3GQ	292		
FIX 4GQ	292		

Fixation

FIX A



FIX A

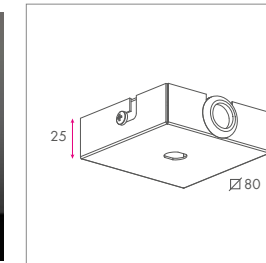


REMARKS
- For concrete ceiling

FIX B



FIX B

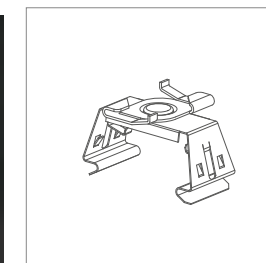


REMARKS
- For concrete ceiling

FIX BCT



FIX BCT

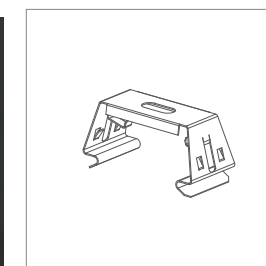


REMARKS
- For visible T-profile ceiling

FIX BD



FIX BD

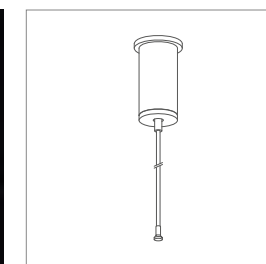


REMARKS
- For concrete ceiling

FIX BL



FIX BL

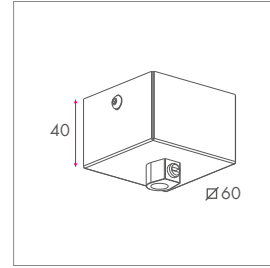


REMARKS
- For concrete ceiling

FIX BN



FIX BN

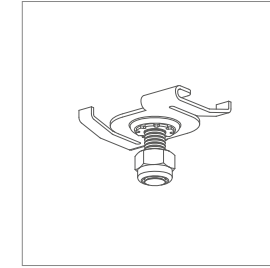


REMARKS
- For concrete ceiling

FIX CA1



FIX CA1

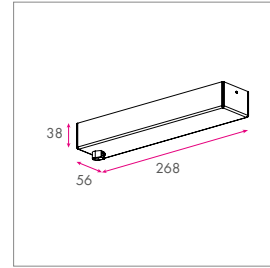


REMARKS
- 4G16M + screw M6
- For visible Tprofile ceiling

FIX BP

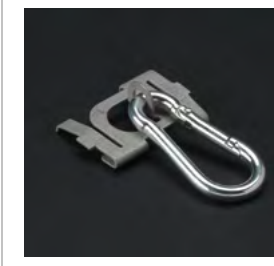


FIX BP

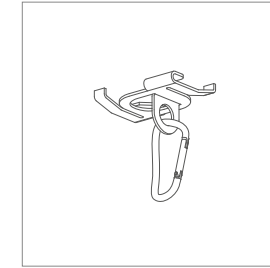


REMARKS
- Incl. Power Supply cable 2G0.5 2m - 4m - 6m
and Power supply 8W - 20W - 50W
- For concrete ceiling

FIX CA2



FIX CA2

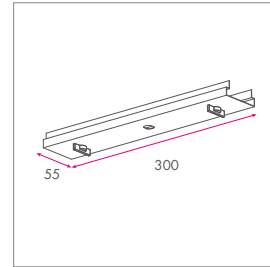


REMARKS
- 4G16H + safety jaw
- For visible Tprofile ceiling

FIX BT



FIX BT

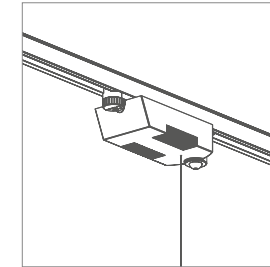


REMARKS
- For B-track

FIX D

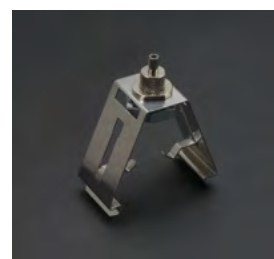


FIX D

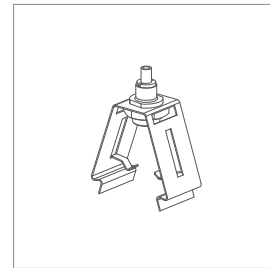


REMARKS
- Cables 2m - 4m - 6m
- For track

FIX B-TRACK



FIX B-TRACK

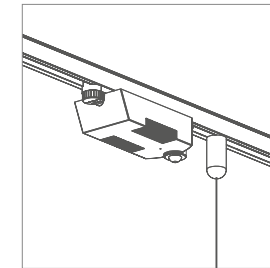


REMARKS
- Steel

FIX DD



FIX DD



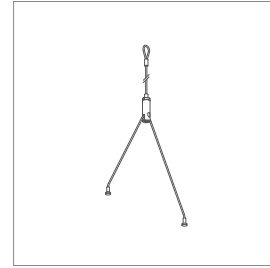
REMARKS
- Cables 2m - 4m - 6m
- For track



FIX DU1



FIX DU1



REMARKS

- Cables 2m - 4m - 6m
- For DUALS profile and ceiling hook

FIX DU2



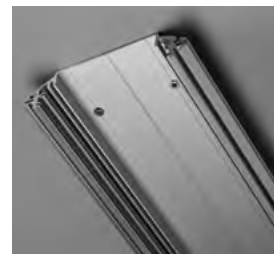
FIX DU2



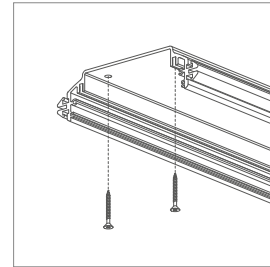
REMARKS

- Cables 2m - 4m - 6m
- For DUALS profile and concrete ceiling

FIX DU3



FIX DU3



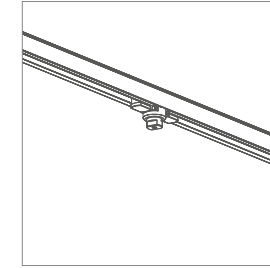
REMARKS

- Screws not included
- For concrete ceiling

FIX E



FIX E



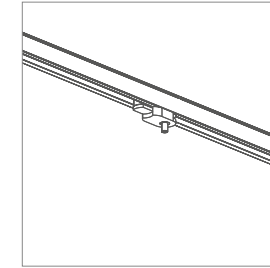
REMARKS

- For track

FIX E4



FIX E4



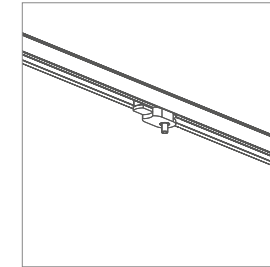
REMARKS

- For track

FIX E4 DALI



FIX E4 DALI



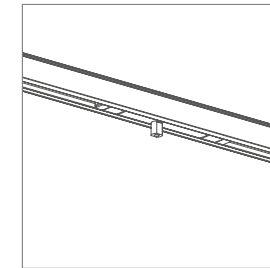
REMARKS

- For DALI track

FIX E5



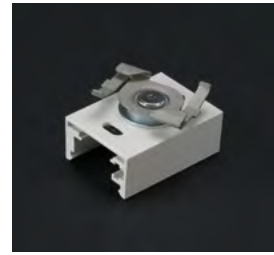
FIX E5



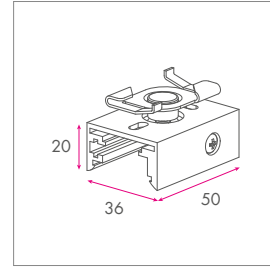
REMARKS

- For track

FIX EC



FIX EC

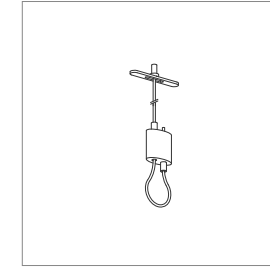


REMARKS
- For track and visible T-profile ceiling

FIX GP



FIX GP

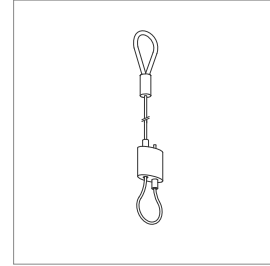


REMARKS
- Cables 2m - 4m - 6m
- For steeldeck ceiling

FIX EI



FIX EI

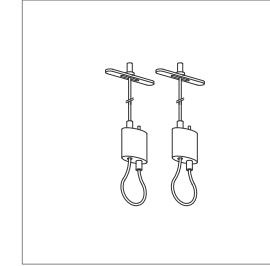


REMARKS
- For concrete ceiling with hook

FIX 2GP



FIX 2GP

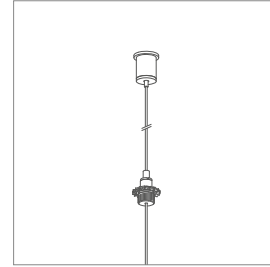


REMARKS
- Cables 2m - 4m - 6m
- For steeldeck ceiling

FIX EU



FIX EU

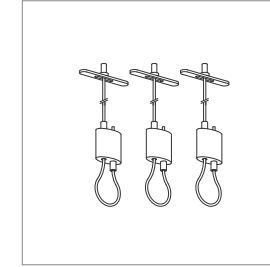


REMARKS
- Cables 2m - 4m - 6m
- For concrete ceiling

FIX 3GP

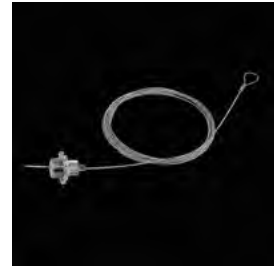


FIX 3GP

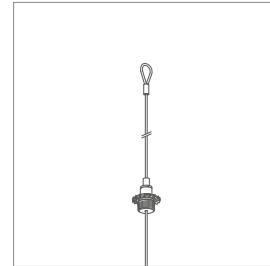


REMARKS
- Cables 2m - 4m - 6m
- For steeldeck ceiling

FIX EV



FIX EV

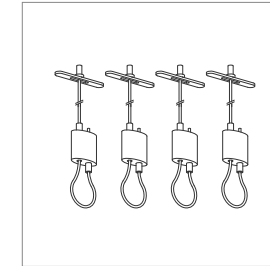


REMARKS
- Cables 2m - 4m - 6m
- For concrete ceiling with hook

FIX 4GP



FIX 4GP

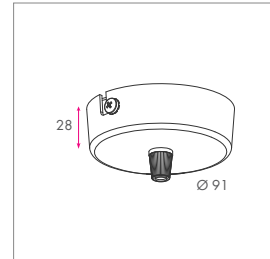


REMARKS
- Cables 2m - 4m - 6m
- For steeldeck ceiling

FIX F



FIX F



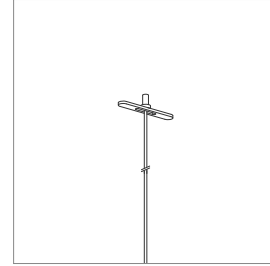
REMARKS
- For concrete ceiling



FIX GQ



FIX GQ



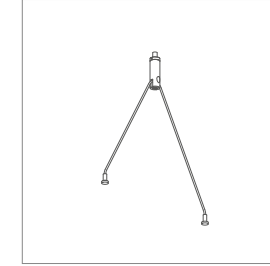
REMARKS

- Cables 2m - 4m - 6m
- For steeldeck ceiling

FIX HT



FIX HT



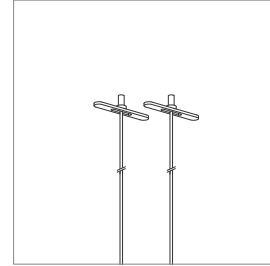
REMARKS

- For HIGHWAY profile

FIX 2GQ



FIX 2GQ



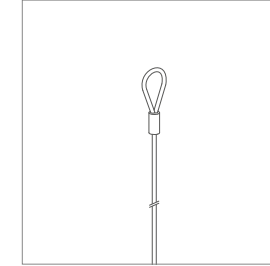
REMARKS

- Cables 2m - 4m - 6m
- For steeldeck ceiling

FIX I



FIX I



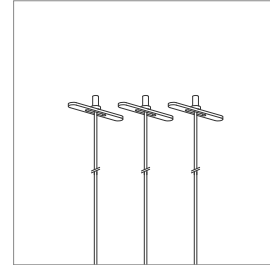
REMARKS

- Cables 2m - 4m - 6m
- For concrete ceiling with hook

FIX 3GQ



FIX 3GQ



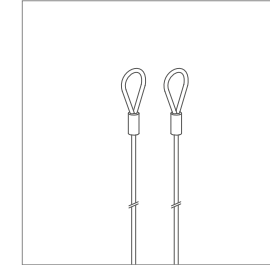
REMARKS

- Cables 2m - 4m - 6m
- For steeldeck ceiling

FIX 2I



FIX 2I



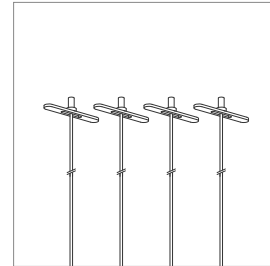
REMARKS

- Cables 2m - 4m - 6m
- For ceiling hook

FIX 4GQ



FIX 4GQ



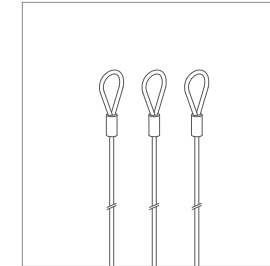
REMARKS

- Cables 2m - 4m - 6m
- For steeldeck ceiling

FIX 3I



FIX 3I



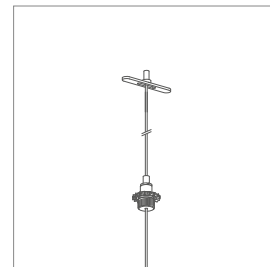
REMARKS

- Cables 2m - 4m - 6m
- For ceiling hook

FIX GV



FIX GV



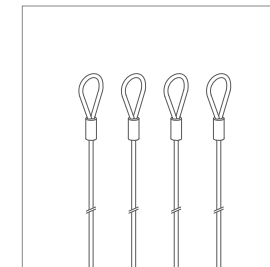
REMARKS

- Cables 2m - 4m - 6m
- For steeldeck ceiling

FIX 4I



FIX 4I



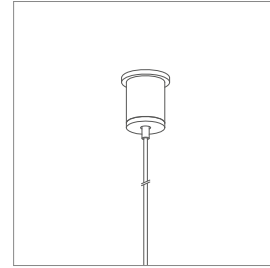
REMARKS

- Cables 2m - 4m - 6m
- For ceiling hook

FIX J



FIX J



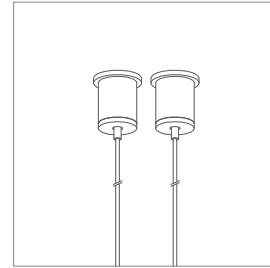
REMARKS

- Cables 2m - 4m - 6m
- For concrete ceiling

FIX 2J



FIX 2J



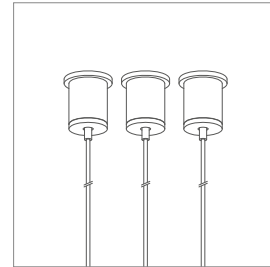
REMARKS

- Cables 2m - 4m - 6m
- For concrete ceiling

FIX 3J



FIX 3J



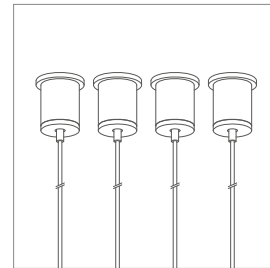
REMARKS

- Cables 2m - 4m - 6m
- For concrete ceiling

FIX 4J



FIX 4J



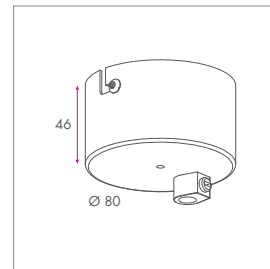
REMARKS

- Cables 2m - 4m - 6m
- For concrete ceiling

FIX K



FIX K



9016 TEX
9006 TEX
9005 TEX
ALU

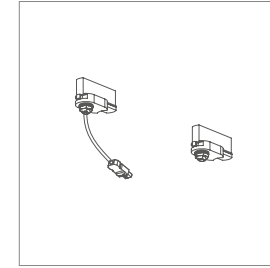
REMARKS

- Cables 2m - 4m - 6m
- For concrete ceiling

FIX LF



FIX LF



white
black

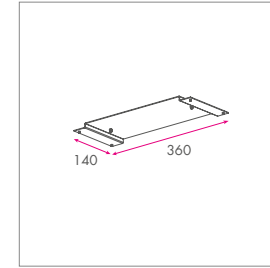
REMARKS

- For LATERNA on track

FIX LK



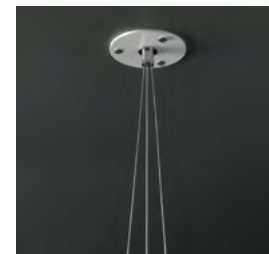
FIX LK



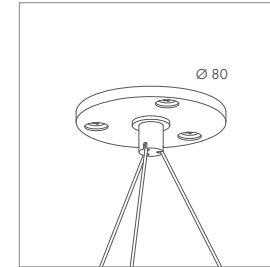
REMARKS

- For LATERNA on cable tray

FIX P3



FIX P3

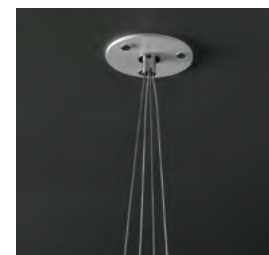


9016 TEX
9006 TEX
9005 TEX

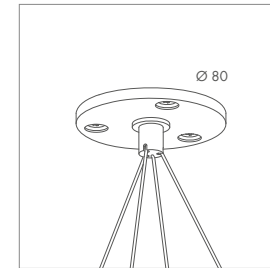
REMARKS

- Cables 2m - 4m - 6m
- For concrete ceiling

FIX P4



FIX P4



9016 TEX
9006 TEX
9005 TEX

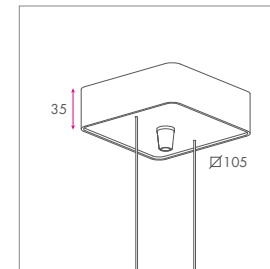
REMARKS

- Cables 2m - 4m - 6m
- For concrete ceiling

FIX QU



FIX QU



9016 TEX
9006 TEX
9005 TEX

REMARKS

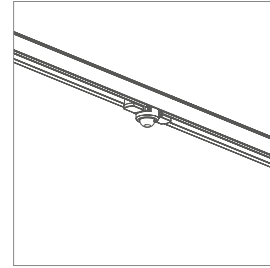
- Cables 2m - 4m - 6m
- For concrete ceiling



FIX S1



FIX S1



LAMP POWER LUM. FLUX LED PWR CRI CCT SYSTEM PWR EEI DIM

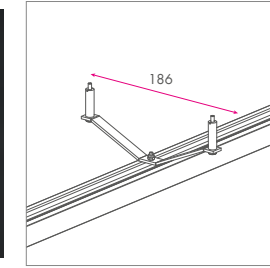
REMARKS

- For rail

FIX TR



FIX TR



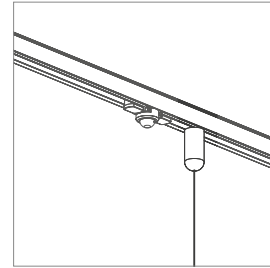
REMARKS

- For steelkabel

FIX T



FIX T



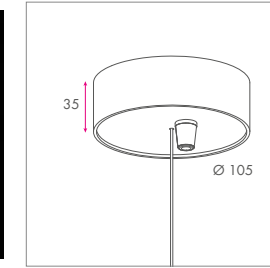
REMARKS

- Cables 2m - 4m - 6m
- For track

FIX TU



FIX TU



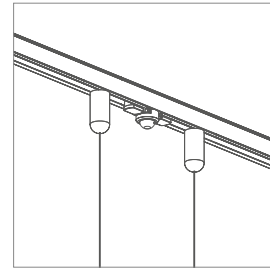
REMARKS

- For concrete ceiling

FIX 2T



FIX 2T



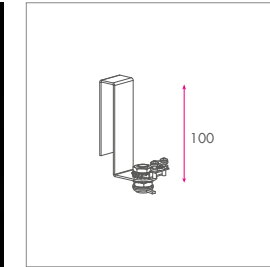
REMARKS

- Cables 2m - 4m - 6m
- For track

FIX UD 100



FIX UD 100



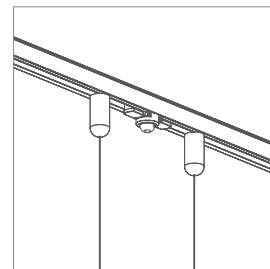
REMARKS

- For grid ceiling

FIX 2T DALI



FIX 2T DALI



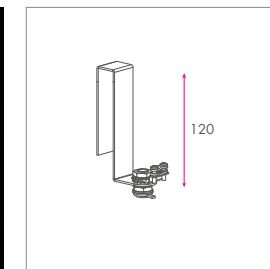
REMARKS

- Cables 2m - 4m - 6m
- For DALI track

FIX UD 120



FIX UD 120



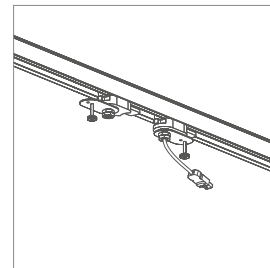
REMARKS

- For grid ceiling

FIX TA5



FIX TA5



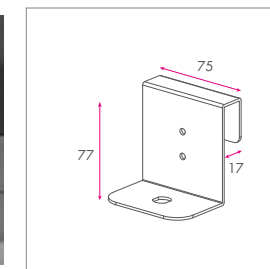
REMARKS

- For track

FIX V



FIX V



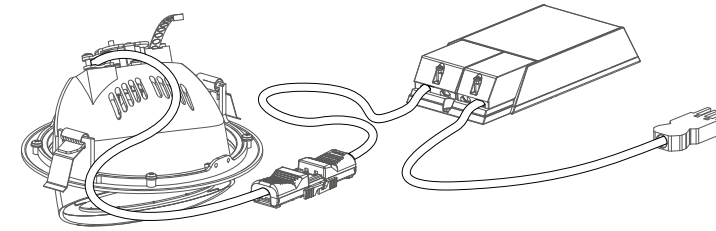
REMARKS

- For grid ceiling

Connection to mains

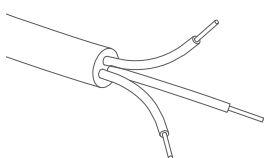


CONNECTION TO MAINS



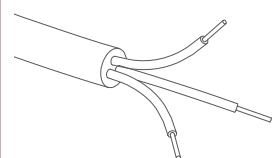
Example of SCOOP with optional connection Wieland

CABLE 3G0,75



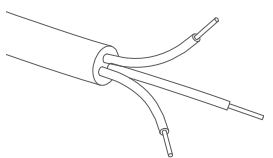
- Transparant
- Length 2m / 4m / 6m
- HO5VV-F3 G0,75

CABLE 3G1



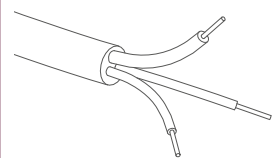
- Grey / Black / White
- Length 2m / 4m / 6m
- HO5V2V2-F 3G1

CABLE 3G1,5



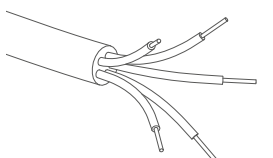
- Grey / Black / White
- Length 2m / 4m / 6m
- HO5VVF 3G1,5

HV CABLE 3G0,75



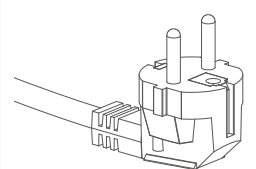
- Grey / Black / White
- Length 2m / 4m / 6m
- SIHY 3G0,75

CABLE 5G1,5



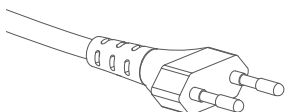
- Grey / Black / White
- Length 2m / 4m / 6m
- HO5VVF 5G1,5

CABLE WITH CONNECTOR 3P



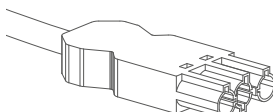
- Length 2m / 4m
- According to DIN VDE 0620
- HO3VVF 3G0,75

CABLE WITH CONNECTOR 2P



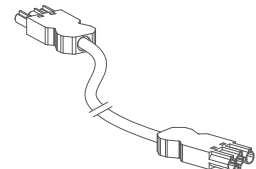
- Length 2m / 4m
- HO3VVH2-F 2G0,75

WIELAND GST1813



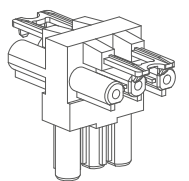
- Length 1,5m / 3m
- Black
- HO5VVF 3G1

WIELAND EXTENSION CORD



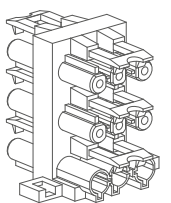
- Length 2m / 4m
- Black
- HO5VVF 3G1,5
- Option: halogen free

WIELAND T-CONNECTOR



- 1 in (male) - 2 out (female)

WIELAND DISTRIBUTION BLOCK



- 1 in (male) - 5 out (female)

Power converters

Led drivers	306
Power supply 24V	310
RGB controllers	312
Dimmer control	314



LEDDRIVERS

LED CONCERTISSEURS / LED TREIBER / LED DRIVERS

When you select a driver, always check current, forward voltage and power. Always switch off the power supply before (dis)connecting the led. Current controlled leds have to be connected in series, not in parallel.

Suitable for: RIO (SQUARE), ONA (FLEX), MIRO (FLEX), NORA, ONIS DISC, VISTA DISC

Led driver 20W multipower - non dim - for 1/2x led 400/600/800/1000



I out	P out max	U out dc	Dim	Cut-out	Ripple free	Pf	Dimensions	Warranty	Suitable for
140mA	7,5W	10-54V	NO	Ø 55mm	YES	0,95	118 x 52 x 22	5Y	1/2x LED 400 @ 140mA
180mA	10W	2-54V							1/2x LED 600 @ 180mA
260mA	14W	2-54V							1/2x LED 800 @ 260mA
340mA	18W	2-54V							1/2x LED 1000 @ 340mA
- Other currents are possible by means of dipswitch.									

Led driver 20W multipower - dali - for 1/2x led 400/600/800 or 1x led 1000



I out	P out max	U out dc	Dim	Cut-out	Ripple free	Pf	Dimensions	Warranty	Suitable for
140mA	7,5W	10-54V	DALI	Ø 55mm	YES	0,95	118 x 52 x 22	5Y	1/2x LED 400 @ 140mA
180mA	10W	2-53V							1/2x LED 600 @ 180mA
260mA	14W	2-52V							1/2x LED 800 @ 260mA
340mA	18W	2-51V							1x LED 1000 @ 340mA
- Other currents are possible by means of dipswitch.									

Led driver 20W multipower - dim 1-10V - for 1/2x led 400/600/800/1000



I out	P out max	U out dc	Dim	Cut-out	Ripple free	Pf	Dimensions	Warranty	Suitable for
140mA	7,5W	10-53V	1-10V	Ø 55mm	YES	0,95	118 x 52 x 22	5Y	1/2x LED 400 @ 140mA
180mA	10W	2-53V							1/2x LED 600 @ 180mA
260mA	14W	2-53V							1/2x LED 800 @ 260mA
340mA	18W	2-53V							1/2x LED 1000 @ 340mA
- Other currents are possible by means of dipswitch.									

Led driver 10W 350mA - non dim - for 1x led 1000



I out	P out max	U out dc	Dim	Cut-out	Ripple free	Pf	Dimensions	Warranty	Suitable for
350mA	10W	2-30V	NO	Ø 40mm	YES	0,6	127 x 38 x 21	5Y	1x LED 1000 @ 350mA

Led driver 20W 350mA - non dim - for 1/2x led 1000



I out	P out max	U out dc	Dim	Cut-out	Ripple free	Pf	Dimensions	Warranty	Suitable for
350mA	19W	2-54V	NO	Ø 55mm	YES	0,97	118 x 52 x 22	5Y	1/2x LED 1000 @ 350mA

Led driver 13W 350mA - dim LE/TE - for 1x led 1000



I out	P out max	U out dc	Dim	Cut-out	Ripple free	Pf	Dimensions	Warranty	Suitable for
350mA	13W	18-38V	TE-LE	Ø 60MM	NO	0,95	119 x 53 x 25	5Y	1x LED 1000 @ 350mA
- Maximum distance between driver and LED-module is 2m									

Led driver 18W 350mA - dim LE/TE - for 2x led 1000



I out	P out max	U out dc	Dim	Cut-out	Ripple free	Pf	Dimensions	Warranty	Suitable for
350mA	19W	27-54V	TE-LE	Ø 60mm	NO	0,95	119 x 53 x 30	5Y	2x LED 1000 @ 350mA
- Maximum distance between driver and LED-module is 2m									

Led driver 19W multipower - dali - for 1/2x led 1000



I out	P out max	U out dc	Dim	Cut-out	Ripple free	Pf	Dimensions	Warranty	Suitable for
350mA	19W	7,5-54V	TE-LE	Ø 60mm	YES	0,95	119 x 53 x 30	5Y	1/2x LED 1000 @ 350mA
- Maximum distance between driver and LED-module is 2m.									

Led driver 20W 350mA - dali - for 1x led 1000



I out	P out max	U out dc	Dim	Cut-out	Ripple free	Pf	Dimensions	Warranty	Suitable for
350mA	15W	MAX. 43V	DALI	Ø 55mm	YES	0,92	118 x 52 x 22	5Y	1x LED 1000 @ 350mA
- Other currents possible by means of dipswitch.									

Led driver 50W 350mA - 1-10V/dali/push dim - for 1/2x led 1000



I out	P out max	U out dc	Dim	Cut-out	Ripple free	Pf	Dimensions	Warranty	Suitable for
350mA	25W	2-74V	1-10V, DALI, PUSH DIM	Ø 84mm	YES	0,95	124 x 79 x 22	5Y	1/2x LED 1000 @ 350mA
- Other currents possible by means of dipswitch. - Driver does not fit through the cutting hole.									

Led driver 50W 350mA - 1-10V/dali/push dim - for 1/2/3/4x led 1000



I out	P out max	U out dc	Dim	Cut-out	Ripple free	Pf	Dimensions	Warranty	Suitable for
350mA	40W	10-112V	1-10V, DALI, PUSH DIM	Ø 84mm	YES	0,95	124 x 79 x 22	5Y	1/2/3/4x LED 1000 @ 350mA
- Other currents possible by means of dipswitch. - Driver does not fit through the cutting hole.									



ELEKTRISCHE VOEDING 24V

BLOCK D'ALIMENTATION 24V / STROMANSCHLUSS 24V / POWER SUPPLY 24V

LED POWER SUPPLY 24V - 8W



Input	P out max	U out DC	Dim	IP	PF	Dimensions	Warranty	Suitable for
200-240V/ 50-60Hz	8W	24V	no	20	0,5	80 x 40 x 22	3Y	BASELINE UP/AIR, LED STRIP
- The max. secondary cable length is 10 m.								

LED POWER SUPPLY 24V -20W



Input	P out max	U out DC	Dim	IP	PF	Dimensions	Warranty	Suitable for
220-240V/ 50-60Hz	20W	24V	no	20	0,8	109 x 50 x 5	3Y	BASELINE UP/AIR, LED STRIP
- The max. secondary cable length is 10 m.								

LED POWER SUPPLY 24V - 50W



Input	P out max	U out DC	Dim	IP	PF	Dimensions	Warranty	Suitable for
220-240V/ 50-60Hz	50W	24V	no	20	0,9	242 x 40 x 16	5Y	BASELINE UP/AIR, LED STRIP
- The max. secondary cable length is 10 m.								

LED POWER SUPPLY 24V - 75W



Input	P out max	U out DC	Dim	IP	PF	Dimensions	Warranty	Suitable for
220-240V/ 50-60Hz	75W	24V	no	20	0,97	220 x 47 x 44	5Y	BASELINE UP/AIR, LED STRIP
- The max. secondary cable length is 10 m.								

LED POWER SUPPLY 24V - 120W



Input	P out max	U out DC	Dim	IP	PF	Dimensions	Warranty	Suitable for
220-240V/ 50-60Hz	120W	24V	no	67	0,9	250 x 60 x 39	5Y	BASELINE UP/AIR, LED STRIP
- The max. secondary cable length is 10 m.								

LED POWER SUPPLY 24V - 240W



Input	P out max	U out DC	Dim	IP	PF	Dimensions	Warranty	Suitable for
220-240V/ 50-60Hz	240W	24V	no	67	0,9	250 x 80 x 39	5Y	BASELINE UP/AIR, LED STRIP
- The max. secondary cable length is 10 m.								

LED POWER SUPPLY 24V - 35W - DALI



Input	P out max	U out DC	Dim	IP	PF	Dimensions	Warranty	Suitable for
220-240V / 50-60Hz	35W	24V	DALI	20	0,98	195 x 43 x 30,2	5Y	BASELINE UP/AIR, LED STRIP
- The max. secondary cable length is 2 m.								

LED POWER SUPPLY 24V - 60W - DALI



Input	P out max	U out DC	Dim	IP	PF	Dimensions	Warranty	Suitable for
220-240V / 50-60Hz	60W	24V	DALI	20	0,98	225 x 43 x 30,2	5Y	BASELINE UP/AIR, LED STRIP
- The max. secondary cable length is 2 m.								

RGB REGELAARS

REGULATEURS RGB / RGB REGLER / RGB CONTROLLERS

LED RGB(W) CONTROLLER 24V - 75W - DALI



Input	P out max	U out DC	Dim	IP	PF	Dimensions	Warranty	Suitable for
220-240V / 50-60Hz	75W	24V	DALI	20	0,9	220 x 46 x 44	5Y	LEDSTRIP RGB(W)
<ul style="list-style-type: none"> - 4 channel DALI converter - Dimming range: 0...100 % luminous flux - Flexible addressing via DALI - The max. secondary cable length is 10 m. 								

EASY LED RGB(W) CONTROLLER 24V - 60W



Input	P out max	U out DC	Dim	IP	PF	Dimensions	Warranty	Suitable for
220-240V / 50-60Hz	60W	24V	Yes	20	0,96	225 x 43 x 30,2	5Y	LEDSTRIP RGB(W)
<ul style="list-style-type: none"> - To be used in combination with Easy Hybrid Remote and Easy RC. - 4 PWM outputs - RGB(W) sequencer for up to 4 freely programmable sequences - Up to 16 different RGB(W) lighting scenes can be configured with cross-fade times - Up to 16 static lighting scenes can be stored and retrieved - Up to 64 controllers can be synchronized 								

EASY LED RGB(W) CONTROLLER 24V - 80W



Input	P out max	U out DC	Dim	IP	PF	Dimensions	Warranty	Suitable for
220-240V / 50-60Hz	80W	24V	EASY	20	0,95	187 x 57 x 23	5Y	LEDSTRIP RGB(W)
<ul style="list-style-type: none"> - To be used in combination with Easy Hybrid Remote and Easy RC. - 4 PWM outputs - RGB(W) sequencer for up to 4 freely programmable sequences - Up to 16 different RGB(W) lighting scenes can be configured with cross-fade times - Up to 16 static lighting scenes can be stored and retrieved - Up to 64 controllers can be synchronized 								

EASY HYBRID REMOTE FOR LEDSTRIP RGB(W)



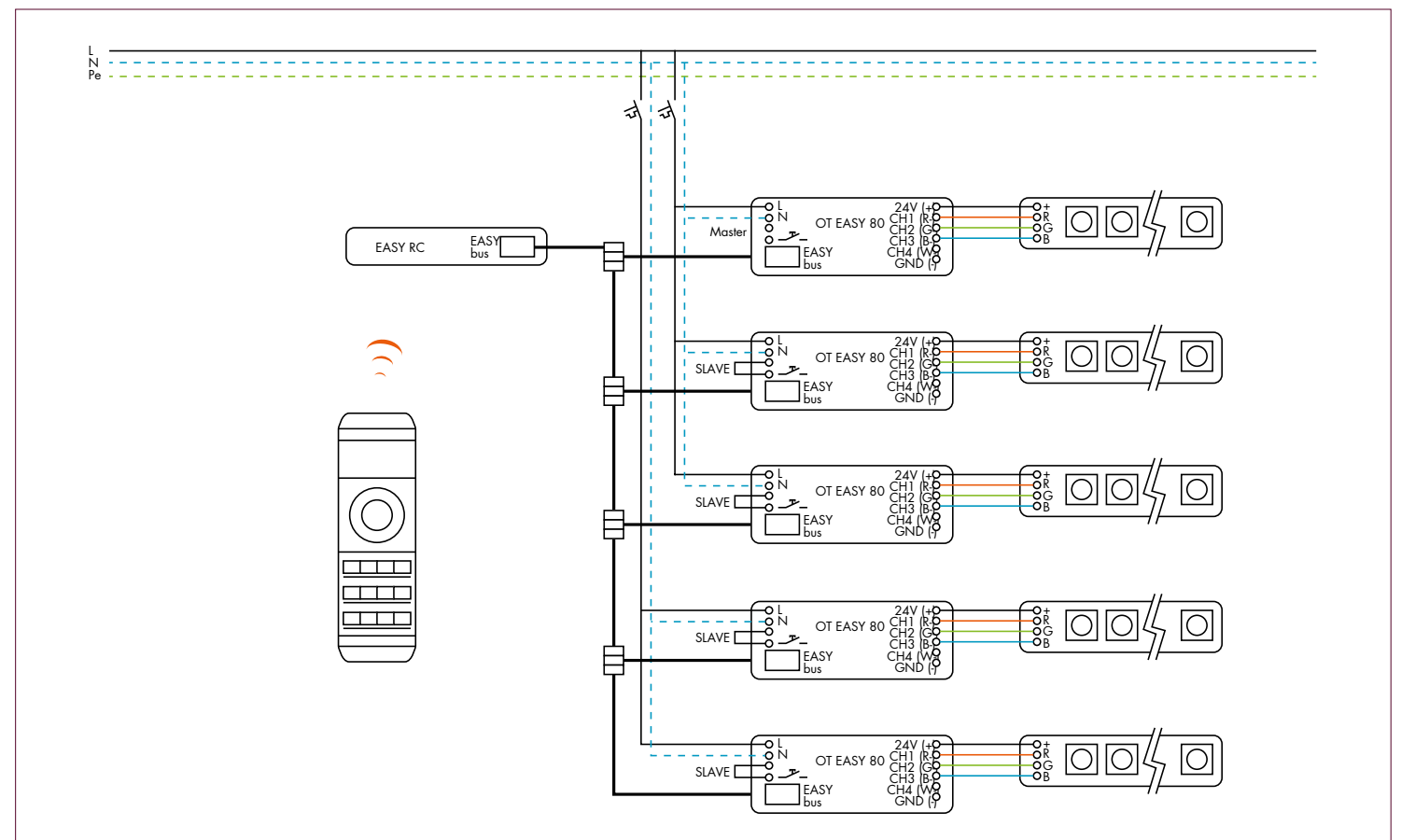
Input	P out max	U out DC	Dim	IP	PF	Dimensions	Warranty	Suitable for
			EASY	20		245 x 47 x 44	3Y	LEDSTRIP RGB(W)
<ul style="list-style-type: none"> - Convenient radio and infrared remote control for EASY control units - Hybrid technology for digital infrared and 868.3 MHz radio remote control - Operation of up to 8 lighting scenes, 8 lighting groups and 4 sequences - LCD with user-definable backlighting 								

EASY RC (RADIO RECEIVER) FOR LEDSTRIP RGB(W)



Input	P out max	U out DC	Dim	IP	PF	Dimensions	Warranty	Suitable for
				20		118 x 30 x 21	5Y	LEDSTRIP RGB(W)
<ul style="list-style-type: none"> - Wireless connection via 868.3 MHz radio - Connection via modular 4p4c-connector 								

Wiring diagram EASY LED RGB(W)



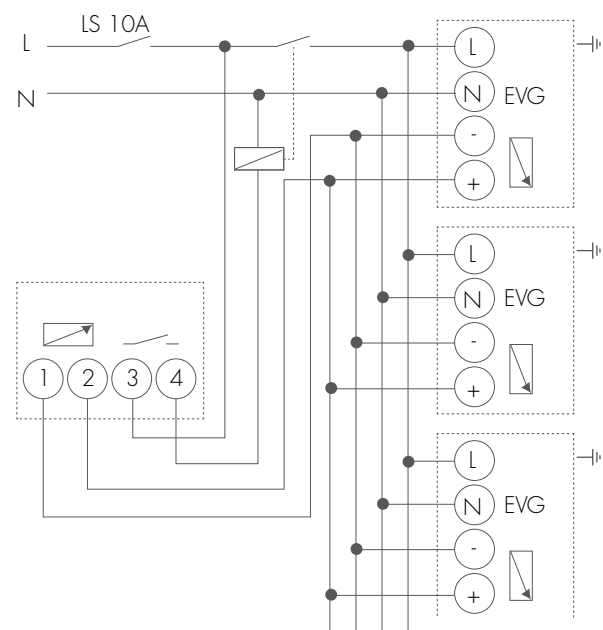
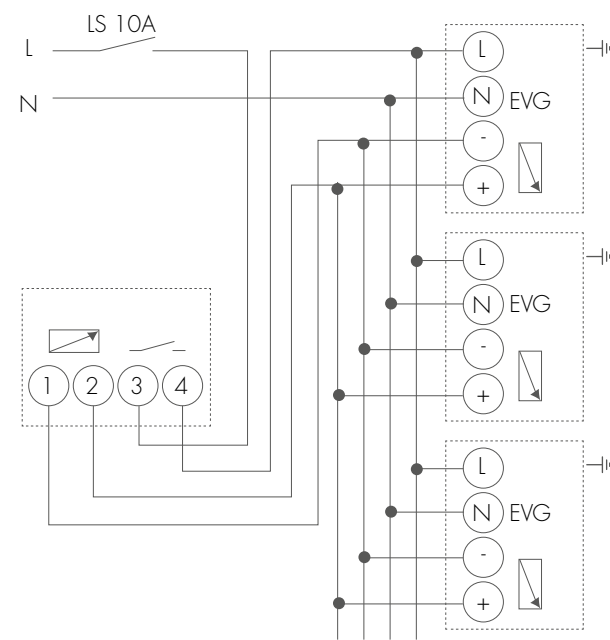
LICHTREGELAARS

COMMANDE D'INTENSITÉ LUMINEUSE / LICHTREGLER / DIMMER CONTROL

UID 8600



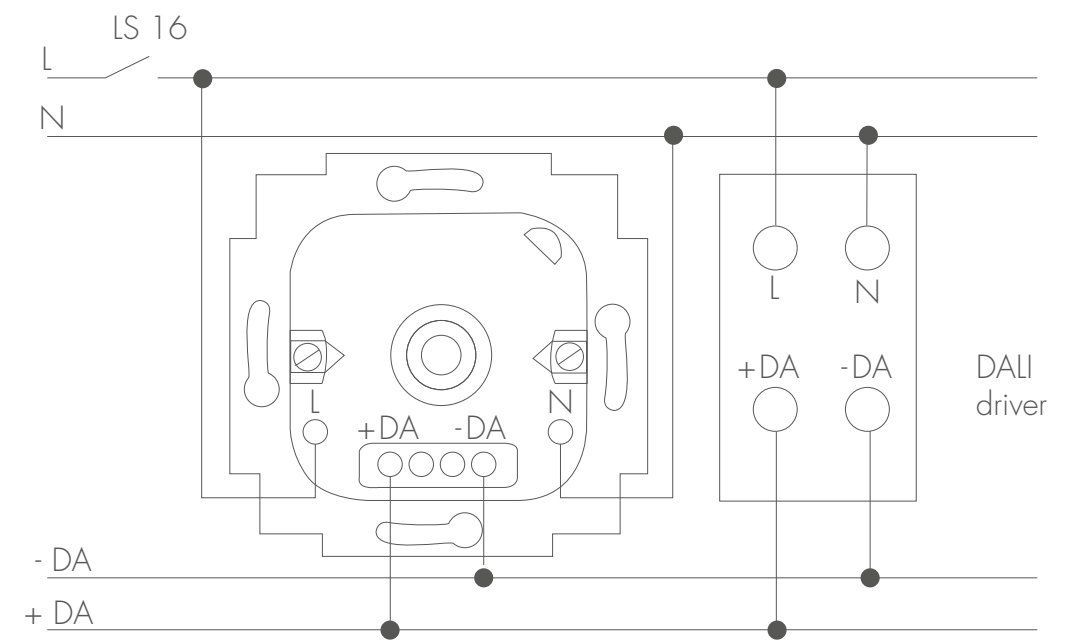
- 1-10V controller for T5 and CFL
- 1-100% dimming range
- On/Off switch
- Up to 200 luminaires per controller in combination with relay



UID 8620 - DALI



- DALI controller for T5, CFL and LED
- Max. 37 luminaires / drivers per controller
- 1-100% dimming range
- On/Off switch
- Maximum cable length in system: 300m



LRH 8600



- Surface mounting box for UID 8600, UID 8620





Technical information

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WAT IS LICHT?

Licht is een vorm van energie die zich manifesteert als zichtbare elektromagnetische straling net zoals radiogolven, microgolven, ultraviolette straling, röntgenstralen,...

De kleurweergave (Ra) is een aanduiding van de wijze waarop men natuurlijke kleuren waarneemt die door een lichtbron worden beschreven.

Ra = 100-90: zeer goed / Ra = 90-80: goed
Ra = 80-60: redelijk / Ra = 60-30: slecht

FR QU'EST-CE QUE LA LUMIÈRE?

La lumière est une forme d'énergie qui se manifeste en tant que rayonnement électromagnétique visible, tout comme les ondes radio, les micro-ondes, les rayons ultraviolets, les rayons X, etc.

L'indice des rendus des couleurs (Ra) est une indication de la manière dont on perçoit les couleurs naturelles éclairées par une source lumineuse.

Ra = 100-90 : très bien
Ra = 90-80 : bien
Ra = 80-60 : moyen
Ra = 60-30 : mauvais

DE WAS IST LICHT?

Licht ist eine Form von Energie, die sich anders als Radiowellen, Mikrowellen, ultraviolette Strahlung, Röntgenstrahlen, usw. als sichtbare, elektromagnetische Strahlung zeigt.

Die Farbwiedergabe (Ra) ist die Art und Weise, wie natürliche Farben, die durch eine Lichtquelle beleuchtet werden, wahrgenommen werden.

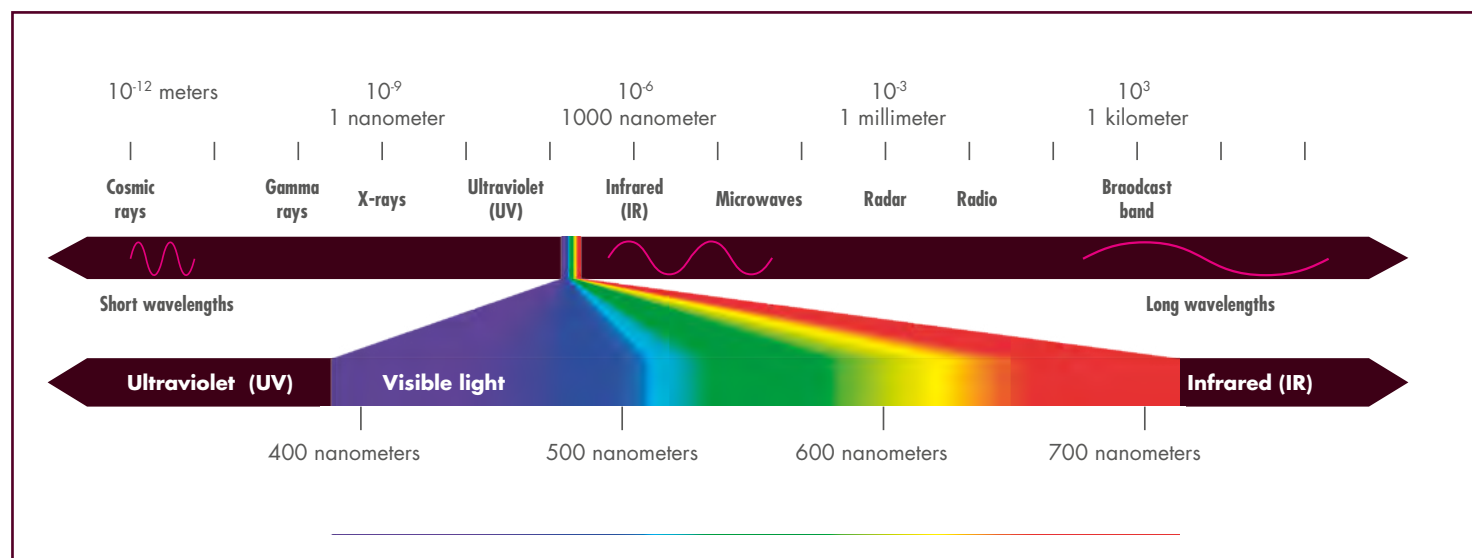
Ra = 100-90: sehr gut
Ra = 90-80: gut
Ra = 80-60: vertretbar
Ra = 60-30: schlecht

EN WHAT IS LIGHT?

Light is a form of energy that manifests as visible electromagnetic radiation just like radio waves, microwaves, ultraviolet rays and X-rays, etc.

The colour rendering index (Ra) indicates the way in which we perceive natural colours radiated by a light source.

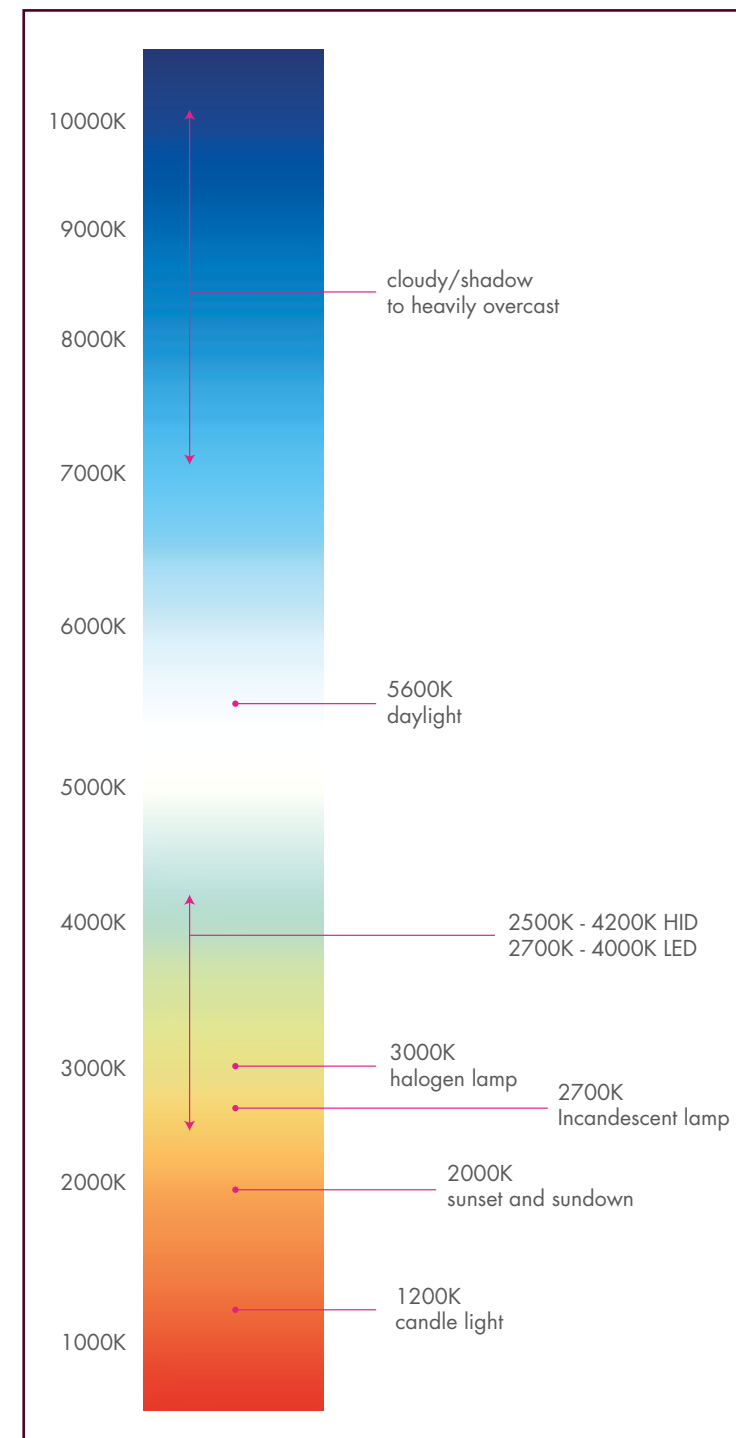
Ra = 100-90: extremely good
Ra = 90-80: good
Ra = 80-60: reasonable
Ra = 60-30: poor



WAT IS KLEURTEMPERATUUR?

De kleurtemperatuur [K] van een lichtbron voor wit licht is gedefinieerd als de temperatuur van een hypothetisch zwart lichaam waarvan het uitgestraalde licht dezelfde kleurindruk heeft als de lichtbron.

Hoe hoger de kleurtemperatuur, hoe koeler de indruk van het witte licht. In de verlichting zit de kleurtemperatuur tussen 2500K en 6500K.



FR QU'EST-CE QUE LA TEMPÉRATURE DE COULEUR ?

La température de couleur [K] d'une source de lumière blanche est définie en tant que température d'un hypothétique corps noir dont la lumière émise a la même impression de couleur que la source lumineuse.

Plus la température de couleur est élevée, plus l'impression de la lumière blanche est froide. La température de couleur est comprise entre 2500 et 6500 K sous l'éclairage.

DE WAS IST DIE FARBTEMPERATUR?

Die Farbtemperatur [K] einer Lichtquelle für weißes Licht wird definiert als die Temperatur eines hypothetisch schwarzen Körpers, von dem das ausgestrahlte Licht denselben Farbeindruck hat, wie die Lichtquelle.

Je höher die Farbtemperatur, desto kühler wird das weiße Licht empfunden. Bei der Beleuchtung liegt die Farbtemperatur zwischen 2500 K und 6500 K.

EN WHAT IS COLOUR TEMPERATURE?

The colour temperature [K] of a light source for white light is defined as the temperature reached by a hypothetical 'black body' whose radiated light has the same colour impression as the light source.

The higher the colour temperature, the cooler the impression of the white light. The colour temperature of lighting is between 2500 K and 6500 K.

LICHTTECHNISCHE BEGRIPPEN

De **lichtstroom** [lumen] drukt de totale hoeveelheid licht uit die per seconde in alle richtingen door een lichtbron wordt uitgestraald.

De **lichtsterkte** [Candela] is de lichtstroom die in één bepaalde richting wordt uitgestraald.

De **verlichtingssterkte** [lux] is de hoeveelheid licht die op een standaard oppervlakte-eenheid valt.

De **luminantie** [Cd/m²] is de hoeveelheid licht die in een bepaalde richting wordt uitgestraald door een standaard oppervlakte-eenheid.

FR TERMES TECHNIQUES REL. À LA LUMIÈRE

Le **flux lumineux** [lumen] exprime la quantité totale de lumière émise chaque seconde dans tous les sens par une source lumineuse.

L'**intensité lumineuse** [Candela] est le faisceau lumineux émis dans une direction donnée.

L'**intensité de l'éclairage** [lux] est la quantité de lumière projetée sur une unité de surface standard.

La **luminance** [Cd/m²] est la quantité de lumière émise dans une direction donnée divisée par une unité de surface standard.

DE LICHTTECHNISCHE BEGRIPPE

Der **Lichtstrom** [Lumen] ist die Gesamtmenge an Licht, die pro Sekunde von einer Lichtquelle aus in alle Richtungen ausgestrahlt wird.

Die **Lichtstärke** [Candela] ist der Lichtstrom, der in eine bestimmte Richtung ausgestrahlt wird.

Die **Beleuchtungsstärke** [Lux] ist die Lichtmenge, die auf einer bestimmten Standardoberfläche auftrifft.

Die **Leuchtdichte** [Cd/m²] ist die Lichtmenge, die in eine bestimmte Richtung durch eine Standardoberfläche ausgestrahlt wird.

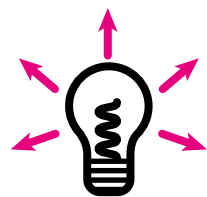
EN TERMS USED IN LIGHTING?

The **luminous flux** [lumen] is the total amount of light that is emitted by a light source every second in all directions.

The **luminous intensity** [Candela] is the luminous power that is emitted in one particular direction.

The **illuminance** [lux] is the amount of light that falls onto a standard surface unit.

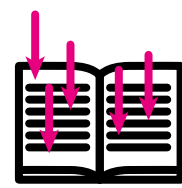
The **luminance** [Cd/m²] is the amount of light that is emitted in a certain direction by a standard surface unit.



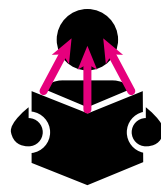
Lichtstroom
Flux lumineux
Lichtstrom
Luminous flux



Lichtsterkte
Intensité lumineuse
Lichtstärke
Luminous intensity



Verlichtingssterkte
intensité de l'éclairage
Beleuchtungsstärke
Illuminance



Luminantie
Luminance
Leuchtdichte
Luminance





Inno/ BE - Hasselt

VERLICHTING EN IP-CLASSIFICATIE?

De IP-waarde drukt uit in welke mate het toestel tegen indringing van stof en water beschermd is. Het eerste getal geeft de bescherming tegen stof en vaste voorwerpen aan (tabel 1), het tweede getal geeft de bescherming tegen water aan (tabel 2).

Tabel 1 / Table 1 / Tableau 1 / Tabelle 1

1st digit	Description	IP-indication	Term
0	Not protected	IP 0X	
1	Protection against solid objects over 50mm	IP 1X	
2	Protection against solid objects over 12mm	IP 2X	Fully shrouded
3	Protection against solid objects over 2,5mm	IP 3X	
4	Protection against solid objects over 1mm	IP 4X	
5	Protection against dust	IP 5X	Dust protected
6	Dust tight	IP 6X	Dust tight

Tabel 2 / Table 2 / Tableau 2 / Tabelle 2

2nd digit	Description	IP-indication	Term
0	Not protected	IP X0	
1	Protection against dripping water	IP X1	Drip-proof
2	Protection against dripping water when tilted up to 15°	IP X2	
3	Protection against spraying water	IP X3	Rainproof
4	Protection against splashing water	IP X4	Sprayproof
5	Protection against water jets	IP X5	Jetproof
6	Protection against powerful water jets	IP X6	
7	Protection against immersion up to 1m deep and 30min long	IP X7	Waterproof
8	Protection against permanent immersion	IP X8	Waterpressure tight

FR ÉCLAIRAGE ET CLASSIFICATION IP

La valeur IP exprime la mesure dans laquelle l'appareil est protégé contre les infiltrations de poussière et d'eau. Le premier chiffre indique le degré de protection contre la poussière et les corps solides (tableau 1), le deuxième le degré de protection contre l'eau (tableau 2).

DE BELEUCHTUNG UND IP-KLASSIFIKATION

Der IP-Wert drückt aus, in welchem Ausmaß das Gerät vor Eindringen von Stoffen und Wasser geschützt ist. Der erste Wert gibt den Schutz vor Stoffen und festen Gegenständen an (Tabelle 1), der zweite Wert gibt den Schutz vor Wasser an (Tabelle 2).

EN LIGHTING AND IP CLASSIFICATION

The IP value is the degree of protection against the penetration of dust and water. The first figure indicates the protection against dust and solid objects (table 1) and the second figure indicates the protection against water (table 2).

VERLICHTING EN ISOLATIEKLASSE?

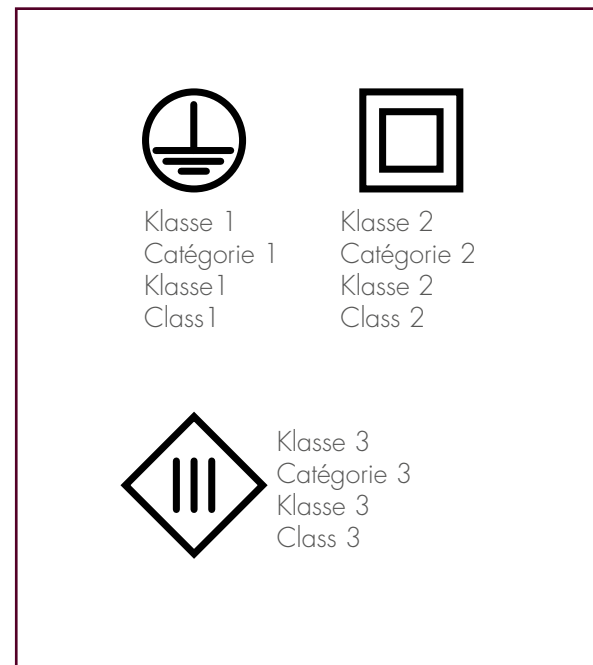
Verlichtingstoestellen worden geclassificeerd i.f.v. hun bescherming tegen elektrische schokken.

Klasse 0: enkel basisisolatie aanwezig, geen bescherming tegen elektrische schokken in geval van een defect van de basisisolatie

Klasse 1: basisisolatie + aarding van de metalen onderdelen die onder spanning kunnen komen te staan in geval van een defect van de basisisolatie

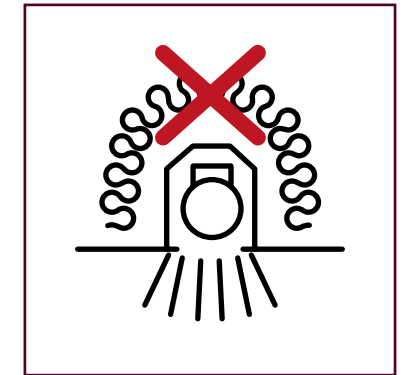
Klasse 2: basisisolatie + dubbele of versterkte isolatie, het toestel is niet geaard

Klasse 3: bescherming tegen elektrische schokken door het gebruik van extra-lage veiligheidsspanning (SELV), het toestel is niet geaard



VERLICHTING EN ISOLATIEMATERIAAL?

Inbouwtoestellen voorzien van het bovenstaand symbool mogen niet geïnstalleerd worden in normaal brandbare oppervlakken en mogen niet bedekt worden met thermisch isolatiemateriaal anders wordt de warmtehuishouding van het toestel verstoord. Dit kan leiden tot vervroegd defect gaan van het toestel en kans op brand. De te respecteren ruimte rond het toestel wordt telkens vermeld in de handleiding van het toestel.



FR ÉCLAIRAGE ET CATÉGORIE D'ISOLATION

Les appareils d'éclairage sont classés en fonction de la protection dont ils disposent contre les décharges électriques.

Catégorie 0: isolation de base uniquement, aucune protection contre les décharges électriques en cas de défaut au niveau de l'isolation de base

Catégorie 1: isolation de base et mise à la terre des pièces en métal qui peuvent se trouver sous tension en cas de défaut au niveau de l'isolation de base

Catégorie 2: isolation de base et isolation double ou renforcée, l'appareil n'est pas mis à la terre

Catégorie 3: protection contre les décharges électriques grâce à l'utilisation d'une tension de sécurité très basse, l'appareil n'est pas mis à la terre

DE BELEUCHTUNG UND ISOLATIONSKLASSE

Beleuchtungsgeräte werden nach ihrem Schutz gegen Stromschlag klassifiziert.

Klasse 0: Es ist lediglich eine Grundisolierung vorhanden, jedoch kein Schutz gegen Stromschläge im Falle einer defekten Grundisolierung

Klasse 1: Grundisolierung + Erdung der Metallteile, die im Falle einer defekten Grundisolierung unter Spannung stehen könnten

Klasse 2: Grundisolierung + doppelte oder verstärkte Isolierung, das Gerät ist nicht geerdet

Klasse 3: Schutz vor Stromschlägen durch Verwendung von Niederspannung (SELV), das Gerät ist nicht geerdet

EN LIGHTING AND INSULATION CLASSIFICATION

Lighting devices are classified on the basis of their protection against electrical shocks.

Class 0: only has basic insulation, no protection against electrical shocks in the event of a fault in the basic insulation

Class 1: basis insulation + earthing of metal parts that may become live in the event of a fault in the basic insulation

Class 2: basic insulation + double or reinforced insulation, the device is not earthed

Class 3: protection against electrical shocks by using extra-low voltages (SELV), the device is not earthed

FR ÉCLAIRAGE ET MATÉRIAU D'ISOLATION

Les appareils encastrables disposant du symbole ci-dessus ne doivent pas être installés dans des surfaces inflammables et recouverts par des matériaux d'isolation thermique, faute de quoi la régulation thermique de l'appareil est perturbée. Cela peut entraîner une défaillance prématurée de l'appareil et des risques d'incendie. L'espace à respecter autour de l'appareil est toujours indiqué dans le manuel de l'appareil.

DE BELEUCHTUNG UND ISOLATIONSMATERIAL

Einbaugeräte mit diesem Zeichen dürfen nicht auf normalen, brennbaren Oberflächen montiert und nicht mit thermischem Isolationsmaterial abgedeckt werden. Andernfalls gerät der Wärmehaushalt des Geräts aus dem Gleichgewicht, wodurch ein Defekt ausgelöst und zum Brand führen kann. Um das Gerät herum muss ein Freiraum bleiben. Bitte beachten Sie dazu die Angaben in der Bedienungsanleitung des Geräts.

EN LIGHTING AND INSULATION MATERIAL

Built-in devices carrying the above symbol cannot be installed in conventional flammable surfaces and cannot be covered with thermal insulation materials otherwise the thermoregulation of the device will be affected. This can lead to the device becoming prematurely defective and risk of fire. The area that should be kept free around the device is also described in the manual for the device



REFLECTOREN

REFLECTORONTWERP

Lunoo maakt gebruik van simulatie-software Photopia om reflectoren te ontwikkelen. Dit programma beschikt over een bibliotheek met de meest voorkomende (aluminium) reflectormaterialen en lampen. Zo zijn we in staat om reflectoren voor specifieke toepassingen te ontwikkelen met een zo hoog mogelijk rendement.

FR CONCEPTION DES RÉFLECTEURS

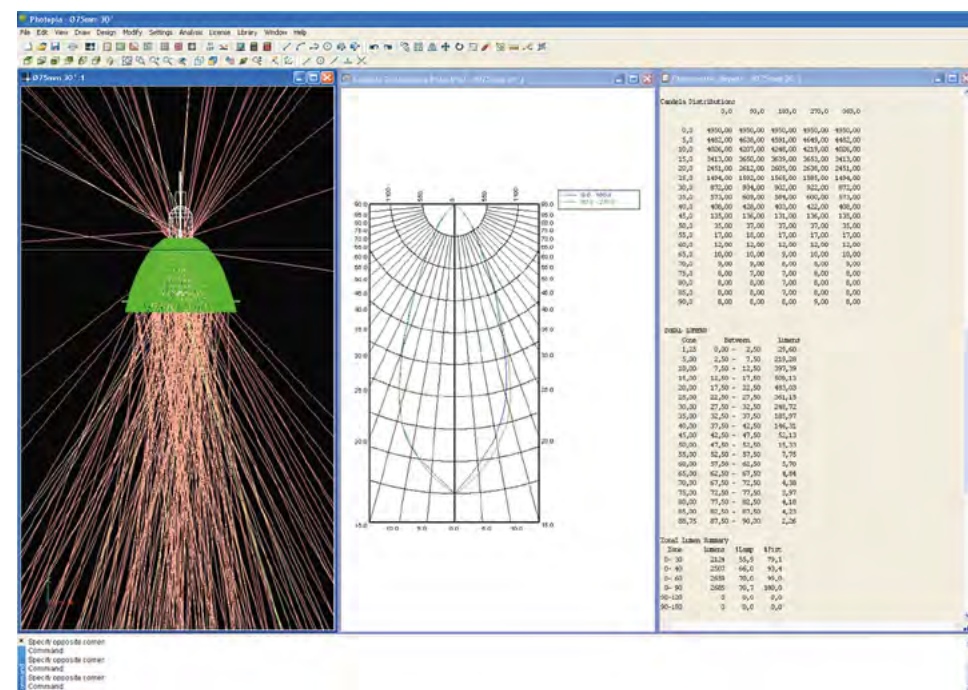
Lunoo utilise le logiciel de simulation Photopia pour développer ses réflecteurs. Ce programme dispose d'une bibliothèque avec les lampes et les matériaux de réflecteurs (en aluminium) les plus fréquemment utilisés. Nous sommes ainsi en mesure de développer des réflecteurs pour des applications spécifiques, avec un rendement aussi élevé que possible

DE REFLEKTORMODELL

Lunoo setzt für die Entwicklung von Reflektoren die Simulations-Software Photopia ein. Dieses Programm verfügt über eine Bibliothek mit den am verbreitetsten (Aluminium-) Reflektormaterialien und Lampen. Dies ermöglicht uns, Reflektoren für besondere Anwendungen und einer größtmöglichen Lichtausbeute zu entwickeln

EN REFLECTOR DESIGN

Lunoo uses the simulation software Photopia for developing reflectors. This program features a library of the most common (aluminium) reflector materials and lamps. It allows us to develop reflectors with the highest possible efficiency for specific applications.



REFLECTOREN

FOTOMETRISCH LABO

Lunoo heeft enkele jaren geleden zelf een goniofotometer ontwikkeld. Hierbij wordt het verlichtingstoestel vast opgesteld zoals het in de praktijk het geval is. De meetkop beweegt in een cirkelvormige baan rond het toestel. De volledige sturing gebeurt d.m.v. een specifiek ontwikkeld Labview programma. Deze ontwikkeling werd ondersteund door Philips en het Laboratorium voor lichttechnologie (KaHO Gent, www.lichttechnologie.be).

Met het fotometrisch labo hebben we de mogelijkheid om:

- het polair diagram op te meten
- het reflectorrendement te bepalen
- een database met de eulumat-bestanden van de verlichtingstoestellen aan te leggen.

FR LABO PHOTOMÉTRIQUE

Lunoo a développé, il y a quelques années, un goniophotomètre. Dans ce cadre, l'appareil d'éclairage est placé de manière identique à la pratique. La tête de mesure se déplace autour de l'appareil dans un mouvement circulaire. La commande est intégralement assurée par un programme Labview spécialement développé. Ce développement est pris en charge par Philips et le Laboratoire de technologie lumineuse (KaHO Gand, www.lichttechnologie.be).

Avec le labo photométrique, nous avons la possibilité :

- d'établir le diagramme polaire,
- de déterminer le rendement du réflecteur,
- de créer une base de données de fichiers Eulumat des appareils d'éclairage.

DE LABO PHOTOMÉTRIQUE

Lunoo hat vor einigen Jahren ein eigenes Goniophotometer entwickelt. Hierbei wird das Beleuchtungsgerät fest aufgestellt, wie es auch in der Praxis der Fall ist. Der Messkopf bewegt sich in einer kreisförmigen Bahn um das Gerät herum. Die komplette Steuerung wird dazu von einem speziell für diesen Zweck entwickelten Labview-Programm übernommen. Diese Entwicklung wurde von Philips und dem Laboratorium voor lichttechnologie (Labor für Lichttechnologie, KaHO Gent, www.lichttechnologie.be) unterstützt.

Das fotometrische Labor bietet uns folgende Möglichkeiten:

- Messung des Polardiagramms
- Bestimmung der Reflektor-Lichtausbeute
- Anlegen einer Datenbank mit Eulumat-Daten der Beleuchtungsgeräte.

EN PHOTOMETRIC LABORATORY

Several years ago, Lunoo developed a photogoniometer. The lighting device is fixed to the photogoniometer as it would be in real use. The measurement head circles around the device. This is fully controlled using a specifically developed Labview program. This development was supported by Philips and the Laboratory for light technology (KaHo Ghent, www.lichttechnologie.be).

The photometric laboratory allows us to:

- measure the polar diagram
- determine the efficiency of the reflector
- to create a database with EULUMDAT records for the lighting devices

LICHTADVIES

Wij ontwerpen lichtoplossingen rekening houdend met uw specifieke wensen en behoeften. Creativiteit wordt gekoppeld aan technische know-how om zo tot een geslaagd concept te komen dat ecologisch en economisch verantwoord is.

Onze lichtstudies bestaan uit een verlichtingsplan en een lichtberekening. Het verlichtingsplan is een grondplan waarop alle gegevens staan die nodig zijn voor de plaatsing van de armaturen. In de legende vind je een volledige omschrijving van de voorgestelde armaturen met daarnaast de vermelding van de inbouwafmeting, bevestigingssysteem en de nodige aantallen. Voor het maken van de lichtberekening werkt LUNOO met Dialux. Dit programma biedt de mogelijkheid om lichtniveaus te berekenen conform de standaard EN12464, 3D-visualisaties te maken, energie-evaluaties te doen,...

Wie zelf lichtberekeningen wenst te maken, kan de eulmdat-bestanden van onze armaturen downloaden via de downloadpagina op onze website. Deze bestanden kunnen geïmporteerd worden in lichtberekeningsprogramma's zoals Dialux en Relux.



FR CONSEIL D'ÉCLAIRAGE

Nous développons des solutions lumineuses en prenant vos souhaits et besoins spécifiques en compte. La créativité est associée au savoir-faire technique de manière à obtenir un concept réussi, responsable aussi bien sur le plan écologique qu'économique.

Nos études lumineuses se composent d'un plan et d'un calcul d'éclairage. Le plan d'éclairage est un plan sur lequel figurent toutes les données nécessaires à l'installation des armatures. La légende comprend une description complète des armatures proposées, avec les dimensions d'intégration, le système de fixation et les quantités nécessaires. LUNOO utilise Dialux pour les calculs d'éclairage. Ce programme permet de calculer les niveaux d'éclairage de manière conforme à la norme EN12464, de créer des visualisations en 3D, de procéder à des évaluations énergétiques, etc.

Si vous souhaitez procéder à des calculs d'éclairage, vous pouvez télécharger les fichiers Eulmdat de nos armatures à partir du site web www.lunoo.eu. Vous pouvez télécharger ces fichiers et les importer dans des programmes de calculs d'éclairage tels que Dialux et Relux.

DE LICHT BERATUNG

Bei der Entwicklung unserer Lichtlösungen berücksichtigen wir Ihre besonderen Wünsche und Anforderungen. Kreativität in Verbindung mit technischem Know-How ist ein erfolgreiches Konzept, das sowohl ökologische als auch wirtschaftliche Verantwortung übernimmt.

Unsere Lichtstudien setzen sich aus einem Beleuchtungsplan und einer Lichtberechnung zusammen. Der Beleuchtungsplan besteht aus einem Basisplan, der alle erforderlichen Daten für die Positionierung der Leuchten enthält. In der Legende werden sämtliche Beschreibungen der vorgeschlagenen Leuchten nebst Angaben zu den Einbaumaßen, Befestigungssystemen und der erforderlichen Anzahl aufgeführt. Die Lichtberechnung nimmt LUNOO über Dialux vor. Dieses Programm bietet die Möglichkeit, Lichtniveaus gemäß der Norm EN12464 zu berechnen, 3D-Visualisierungen vorzunehmen, Energiebewertungen durchzuführen, ...

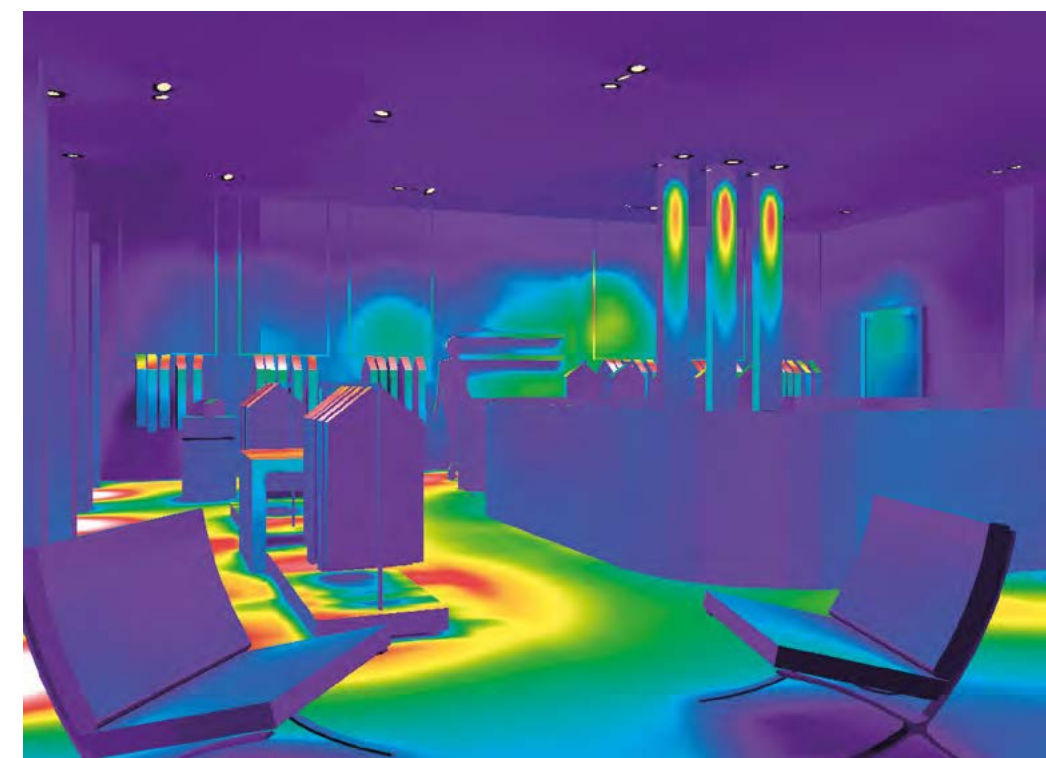
Wer selbst Lichtberechnungen vornehmen möchte, kann die Eulmdat-Daten für unsere Armaturen auf unserer Internetseite www.lunoo.eu/nl/ldt.html herunterladen. Die Daten können in Lichtberechnungsprogramme wie Dialux und Relux importiert werden.

EN LIGHTING ADVICE

We design lighting solutions which take into account your specific needs and requirements. We combine creativity and technical know-how to create successful designs that are ecologically and economically sound.

Our light studies consist of a lighting plan and a light calculation. The lighting plan is the blueprint on which we place all data needed for the positioning of fittings. The legend gives a full description of the intended fittings with a description alongside of the wiring measurements, mounting systems and the quantities required. LUNOO uses Dialux for creating the light calculations. This program enables amongst other things the light levels to be calculated according to the EN12464 standard, 3D models to be created and energy evaluations to be performed.

If you want to do your own light calculations, you can download the EULUMDAT files for our fittings from the download page on our website at www.lunoo.eu. These files can be imported into light calculation programs such as Dialux and Relux.

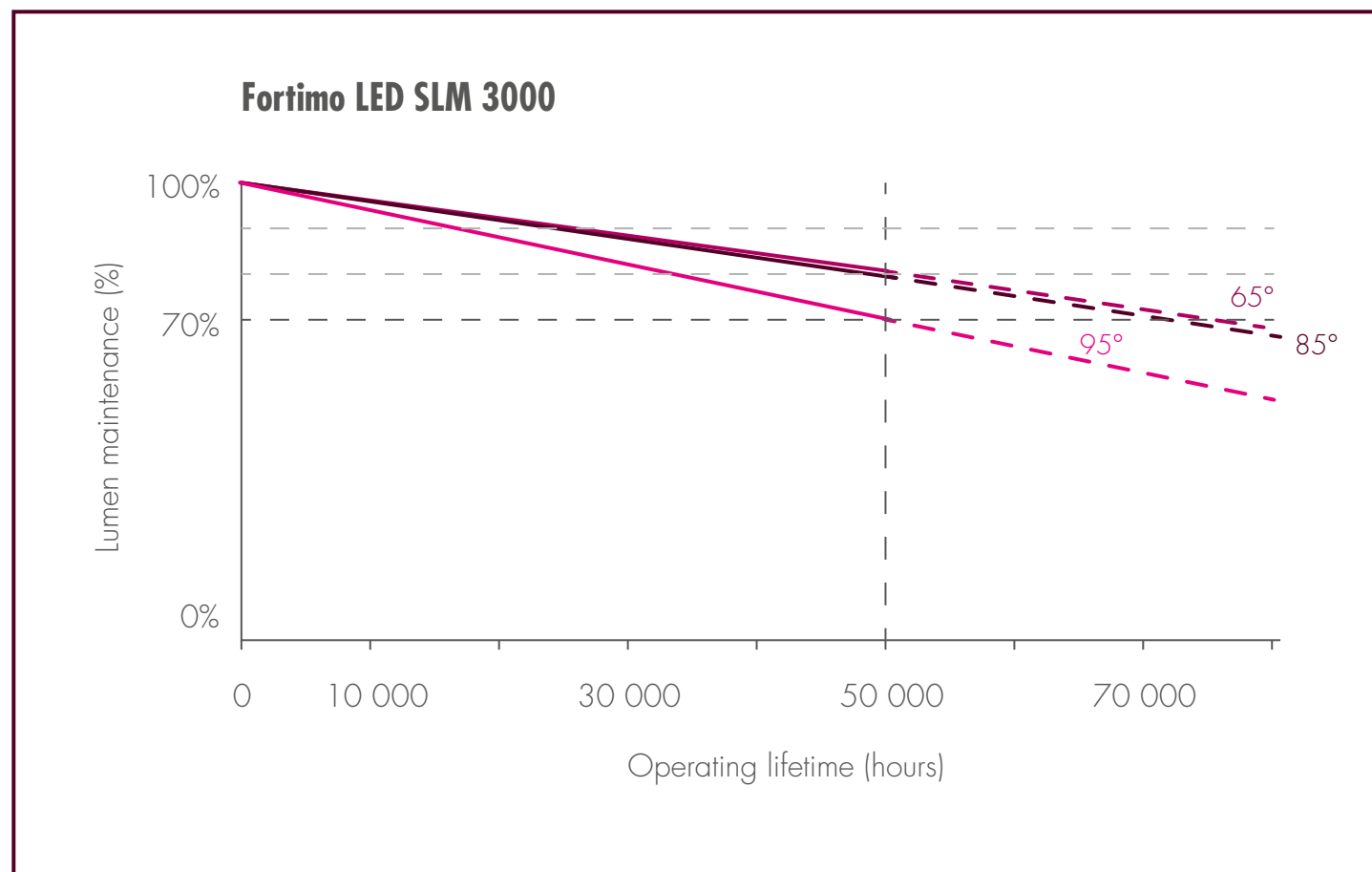


TEMPERATUURBEHEERSING EN LEVENSDUUR LED

Bij een LED is de temperatuurbeheersing van cruciaal belang, zowel voor de levensduur als het lumenbehoud. Ongeveer 50 à 60% van het opgenomen vermogen wordt omgezet in warmte. Het gaat hier bijna uitsluitend om geleidingswarmte en slechts een minimaal gedeelte stralingswarmte (IR-straling). Deze geleidingswarmte komt bijgevolg vrij aan de achterzijde en moet zo veel mogelijk afgegeven worden aan de omgeving. Hiervoor wordt gebruik gemaakt van een aluminium koeloppervlak, eventueel voorzien van een ventilator.

De temperatuur wordt opgemeten op het zogenaamde Tc punt. Onderstaande grafiek geeft de relatie tussen de Tc temperatuur, levensduur en lumenbehoud weer voor de Philips Fortimo SLM 1205 PW G6 bij een bepaalde stroom. Meestal spreekt men over een levensduur van 50.000u bij B50L70. Dit betekent dat 50% van de LED's nog 70% van de initiële lichtstroom zal afgeven na 50.000u.

Volgens de internationale norm IEC 60598-1 moeten de temperatuurmetingen bij een omgevingstemperatuur van 25°C uitgevoerd worden. Op onderstaande grafiek kunnen we aflezen dat de LED bij een temperatuur van 85°C na 50.000u een lumenbehoud van 80% heeft. In dit geval hebben we dus L80B50 @ 50.000u.



FR GESTION DE LA TEMPÉRATURE ET DURÉE DE VIE DES LED

La gestion de la température est d'une importance cruciale pour les LED afin de garantir leur durée de vie et une intensité lumineuse constante. En effet, environ 50 à 60% de la puissance produite est convertie en chaleur. Celle-ci se compose presque exclusivement de chaleur par conduction et d'une infime partie de chaleur rayonnante (rayonnement IR). Cette chaleur par conduction est par conséquent libérée à l'arrière et doit être rediffusée autant que possible à l'extérieur. Pour se faire, on recourt à une surface de refroidissement en aluminium, éventuellement dotée d'un ventilateur.

La température est mesurée au point de Curie (Tc). Le graphique illustre le rapport entre la température Tc, la durée de vie et la conservation de l'intensité lumineuse pour le module LED Philips Fortimo SLM 1205 PW G6. En général, la durée de vie prévue est de 50 000 heures (B50L70). En d'autres termes, 50% des LED produiront encore 70% de leur intensité lumineuse initiale après 50 000 heures.

Conformément à la norme internationale CEI 60598-1, les mesures de température doivent être effectuées à une température ambiante de 25°C. Le graphique indique que la LED conserve une intensité lumineuse de 80% après 50 000 heures à une température de 85°C. Alors nous avons L80B50 @ 50.000h.

DE TEMPERATUR-KONTROLLE UND LEBENSDAUER VON LEDS

Bei einer LED ist die Temperaturkontrolle sowohl für die Lebensdauer als auch für den Lichtstromerhalt von größter Wichtigkeit. Ungefähr 50 bis 60 % der aufgenommenen Leistung wird in Wärme umgewandelt. Es handelt sich hierbei fast ausschließlich um Leitungswärme; nur ein geringer Teil wird als Strahlungswärme (IR-Strahlung) abgegeben. Diese Leitungswärme wird auf der Rückseite freigesetzt und muss so weit wie möglich an die Umgebung abgeleitet werden. Dafür wird eine Kühloberfläche aus Aluminium verwendet, die eventuell mit einem Ventilator ausgestattet ist.

Die Temperatur wird am so genannten Tc-Punkt gemessen. In der Grafik ist die Beziehung zwischen Tc-Temperatur, Lebensdauer und Lichtstromerhalt für die Philips Fortimo SLM 1205 PW G6 dargestellt. Meist spricht man von einer Lebensdauer von 50.000 Stunden bei B50L70. Das bedeutet, dass 50% der LEDs nach 50.000 Stunden noch 70% des anfänglichen Lichtstroms abgeben.

Nach der internationalen Norm IEC 60598-1 müssen die Temperaturmessungen bei einer Umgebungstemperatur von 25°C durchgeführt werden. Aus der Grafik lässt sich ablesen, dass die LED bei einer Temperatur von 85°C nach 50.000 Stunden einen Lichtstromerhalt von 80% besitzt. Wir haben hier L80B50 @ 50.000 Stunden.

EN LED TEMPERATURE MANAGEMENT AND LIFESPAN

Temperature management is crucial for both the lifespan and luminosity of an LED. Approximately 50 to 60% of the power it absorbs is converted into heat. This almost exclusively involves conduction heat and only a minimum amount of radiation heat (IR radiation). As a result, this conduction heat is released at the rear and must be dispersed as much as possible to the environment. An aluminium cooling surface, which may be fitted with a fan, is used for this.

The temperature is measured at the so-called Tc point. The chart shows the relationship between the Tc temperature, lifespan and luminosity for the Philips Fortimo SLM 1205 PW G6. We mainly talk about a lifespan of 50,000 hours at B50L70. This means that 50% of the LEDs will still emit 70% of their initial light stream after 50,000 hours.

Under the IEC 60598-1 international standard, temperature must be measured when the ambient temperature is 25°C. In the chart, we can see that after 50,000 hours the LED has a luminosity of 80% at a temperature of 85°C. In this case we have L80B50 @ 50.000h.

INBRANDEN LAMPEN VAN (COMPACT) FLUORESCENTIE- LAMPEN

Na de installatie van (compact) fluorescentielampen is het aangeraden om de lampen gedurende minimaal 24u op 100% lichtoutput te laten inbranden. Pas na deze inbrandperiode mag de lamp gedimd worden! Deze inbrandperiode is nodig om bepaalde fysische en chemische processen in de lamp te laten stabiliseren. Deze processen kunnen slechts plaats vinden bij hogere temperaturen. In gedimde toestand kunnen deze processen niet plaats vinden wegens de te lage elektrode- en tubetemperatuur. Onvoldoende inbranden van de lamp zal resulteren in flikkering en vervroegd zwart worden van de uiteinden. Dit zal uiteindelijk leiden tot een verkorte levensduur van de lamp.

FR PRÉCHAUFFAGE DES SOURCES FLUORESCENTES (COMPACTES)

Il est recommandé, après installation des sources fluorescentes (compactes), de les laisser fonctionner pendant au moins 24 heures en mode d'éclairage à 100 %. L'éclairage ne peut être atténué qu'à l'issue de cette période ! Cette période de préchauffage est nécessaire à la stabilisation de certains processus physiques et chimiques de la lampe. Ces processus ne peuvent avoir lieu qu'à température élevée. Ils ne peuvent se déclencher lorsque l'éclairage est atténué, à faible température de l'électrode et du tube. Un préchauffage insuffisant de la source entraîne des oscillations et le noircissement prématuré des extrémités. Ce qui peut, au final, réduire la durée de vie de la source.

DE VORHEIZEN VON (KOMPAKTEN) LEUCHSTOFFLAMPEN

Nach der Installation von (kompakten) Leuchtstofflampen wird empfohlen, die Lampe mindestens 24 Stunden lang bei 100% Lichtausbeute brennen zu lassen. Erst nach dieser Vorheizzeit kann die Lampe gedimmt werden! Durch die Vorheizzeit werden bestimmte physikalische und chemische Prozesse in der Lampe stabilisiert. Diese Prozesse können jedoch nur bei hohen Temperaturen erfolgen. Aufgrund der niedrigen Elektroden- und Röhrentemperatur können diese Prozesse im gediminten Zustand nicht erfolgen. Wenn die Lampe nicht ausreichend vorgeheizt wird, kann dies zu Flackern führen; außerdem kann die Lampe an den Enden schwarz werden. Schließlich hat dies eine kürzere Lebensdauer der Lampe zur Folge.

EN BURN-IN OF (COMPACT) FLUORESCENT LAMPS

After the installation of (compact) fluorescent lamps, it is recommended to operate the lamps for a burn-in period of at least 24 hours in the full light output mode, prior to the use of the lamps in dimming settings. The reason for this burn-in period is that certain physical and chemical processes in the lamp need to stabilize in the lamp. The processes are guaranteed to stabilize at higher temperatures. At dimming mode these processes can hardly run because of the low electrode and tube temperatures. Insufficient aging can result in flickering and early blackening which finally yields to reduced life of the lamps.



LAMPTYPES

TYPES DE SOURCES / LAMPENTYPEN / LAMP TYPES

HID lamps (High Intensity Discharge lamps)

lamp type	power	lamp base	luminous flux (lm)	colour temp. (K)	CRI	life expectancy (h)	EEL	System power kWh/1000h	Garantee
HIT-TM (CDM-Tm)	20W	PGJ5	1650	3000	87	12000	A+	24	2 years / 8000 hrs
	35W	PGJ5	3000	3000	91	12000	A+	42	2 years / 8000 hrs
HIT-TC EVOLUTION (CDM-TC EVOLUTION)	35W	G8,5	4300	3000	90	20000	A+	42	2 years / 8000 hrs
	50W	G8,5	5700	3000	90	20000	A+	55	2 years / 8000 hrs
	70W	G8,5	8800	3000	90	20000	A+	80	2 years / 8000 hrs
HIT EVOLUTION (CDM-T EVOLUTION)	35W	G12	4300	3000	90	20000	A+	42	2 years / 8000 hrs
	50W	G12	5700	3000	90	20000	A+	55	2 years / 8000 hrs
	70W	G12	8800	3000	90	20000	A+	80	2 years / 8000 hrs
HIT-TC ELITE (CDM-TC ELITE)	35W	G8,5	4000 - 3700	3000 - 4200	90 - 88	15000	A+	42	2 years / 8000 hrs
	50W	G8,5	5400 - 5000	3000 - 4200	90	15000	A+	55	2 years / 8000 hrs
	70W	G8,5	7700 - 7400	3000 - 4200	90	15000	A+	80	2 years / 8000 hrs
HIT ELITE (CDM-T ELITE)	35W	G12	4000 - 3800	3000 - 4200	90	15000	A+	42	2 years / 8000 hrs
	50W	G12	5400 - 5000	3000 - 4200	90	15000	A+	55	2 years / 8000 hrs
	70W	G12	7800 - 7500	3000 - 4200	90	15000	A+	80	2 years / 8000 hrs
	100W	G12	11000 - 10500	3000 - 4200	92 - 91	15000	A+	110	2 years / 8000 hrs
	150W	G12	15000	3000	92	12000	A+	163	2 years / 8000 hrs
HIT-TC WARM (CDM-TC WARM)	70W	G8,5	6500	2600	93	15000	A+	80	2 years / 8000 hrs
HIT WARM (CDM-T WARM)	70W	G12	6500	2600	93	15000	A+	80	2 years / 8000 hrs
HIT-MW ELITE (CDM-TMW ELITE)	210W	PGZX18	23300 - 22800	3000 - 4200	90	20000	A+	231	2 years / 8000 hrs
HST-TG (SDW-TG)	50W	GX12-1	2400	2500	81	10000	B	55	2 years / 8000 hrs
	100W	GX12-1	4900	2500	83	10000	B	110	2 years / 8000 hrs

LED modules

lamp type	power	lamp base	luminous flux (lm)	colour temp. (K)	CRI	life expectancy (h)	EEL	System power kWh/1000h	Garantee
LED 400 (Bridgelux Vero 10 G7)	3,4	-	444 - 461 - 496	2700 - 3000 - 4000	90	> L70B50 @ 50000h	A++	5	5 years / 20000 hrs
LED 600 (Bridgelux Vero 10 G7)	4,4	-	559 - 580 - 620	2700 - 3000 - 4000	90	> L70B50 @ 50000h	A++... A+	6,5	5 years / 20000 hrs
LED 800 (Bridgelux Vero 10 G7)	6,5	-	777 - 806 - 861	2700 - 3000 - 4000	90	> L70B50 @ 50000h	A++... A+	8,5	5 years / 20000 hrs
LED 1000 (Bridgelux Vero 10 G7)	8,9	-	1024 - 1062 - 1134	2700 - 3000 - 4000	90	> L70B50 @ 50000h	A++... A+	11	5 years / 20000 hrs
LED 1000 (FORTIMO SLM GEN6)	7,3 - 7,5 - 7,5	-	963 - 1006 - 1083	2700 - 3000 - 4000	92	> L70B50 @ 50000h	A++	9,3 - 9,5 - 9,5	5 years / 20000 hrs
LED 1500 (FORTIMO SLM GEN6)	11,5 - 11,6 - 11,6	-	1417 - 1483 - 1596	2700 - 3000 - 4000	92	> L70B50 @ 50000h	A++... A+	13,7 - 13,8 - 13,8	5 years / 20000 hrs
LED 2000 (FORTIMO SLM GEN6)	16,8 - 17,1 - 17,1	-	1928 - 2032 - 2187	2700 - 3000 - 4000	92	> L70B50 @ 50000h	A++... A+	19,1 - 19,4 - 19,4	5 years / 20000 hrs
LED 2500 (FORTIMO SLM GEN6)	19,6 - 20,1 - 20,9	-	2539 - 2501 - 2556	2700 - 3000 - 4000	92	> L70B50 @ 50000h	A++... A+	23,1 - 23,3 - 23,1	5 years / 20000 hrs

LED 3000 (FORTIMO SLM GEN6)	24,9 - 23,7 - 24,8	-	3108 - 2862 - 2907	2700 - 3000 - 4000	92	> L70B50 @ 50000h	A++... A+	29,0 - 27,3 - 28,4	5 years / 20000 hrs
LED 3500 (FORTIMO SLM GEN6)	28,5 - 29,3 - 24,8	-	3470 - 3379 - 3494	2700 - 3000 - 4000	92	> L70B50 @ 50000h	A++... A+	33,1 - 33,5 - 28,9	5 years / 20000 hrs
LED 4000 (FORTIMO SLM GEN6)	34,0 - 32,0 - 28,7	-	3988 - 4023 - 3907	2700 - 3000 - 4000	92	> L70B50 @ 50000h	A++... A+	37,7 - 37,1 - 33,0	5 years / 20000 hrs
LED 4500 (FORTIMO SLM GEN6)	39,6 - 35,7 - 33,9	-	4481 - 4389 - 4507	2700 - 3000 - 4000	92	> L70B50 @ 50000h	A++... A+	43,8 - 39,6 - 39,1	5 years / 20000 hrs
LED 5000 (FORTIMO SLM GEN6)	45,3 - 41,3 - 39,4	-	4952 - 4921 - 5085	2700 - 3000 - 4000	92	> L70B50 @ 50000h	A++... A+	50,0 - 45,3 - 43,6	5 years / 20000 hrs
LED 8000 (FORTIMO SLM GEN6)	74,8	-	7887	3000	92	> L70B50 @ 50000h	A+	84,0	5 years / 20000 hrs
LED 8500 (FORTIMO SLM GEN6)	74,8	-	8512	4000	92	> L70B50 @ 50000h	A+	84,0	5 years / 20000 hrs
LED 1000 CW (FORTIMO SLM GEN6)	8,1	-	968	3000	92	> L70B50 @ 50000h	A+	10,1	5 years / 20000 hrs
LED 2000 CW (FORTIMO SLM GEN6)	16,6	-	1892	3000	92	> L70B50 @ 50000h	A+	18,9	5 years / 20000 hrs
LED 3000 CW (FORTIMO SLM GEN6)	29,1	-	3058	3000	92	> L70B50 @ 50000h	A+	33,7	5 years / 20000 hrs
LED 4000 CW (FORTIMO SLM GEN6)	42,4	-	4113	3000	92	> L70B50 @ 50000h	A+	46,6	5 years / 20000 hrs
LED 1500 MEAT (STARK SLE GEN6 FOOD)	16,8	-	1426	Meat+	-	> L70B50 @ 50000h	A+	19,2	5 years / 20000 hrs
LED 2100 MEAT (STARK SLE GEN6 FOOD)	26,0	-	2064	Meat+	-	> L70B50 @ 50000h	A	30,3	5 years / 20000 hrs
LED 2800 MEAT (STARK SLE GEN6 FOOD)	37,8	-	2771	Meat+	-	> L70B50 @ 50000h	A	42,5	5 years / 20000 hrs
LED 1500 GOLD (STARK SLE GEN6 FOOD)	16,8	-	1469	2400	-	> L70B50 @ 50000h	A+	19,2	5 years / 20000 hrs
LED 2100GOLD (STARK SLE GEN6 FOOD)	26,0	-	2127	2400	-	> L70B50 @ 50000h	A+	30,3	5 years / 20000 hrs
LED 2800 GOLD (STARK SLE GEN6 FOOD)	37,8	-	2856	2400	-	> L70B50 @ 50000h	A	42,5	5 years / 20000 hrs
LED DLM 1100 (FORTIMO DLM ES GEN1)	-	-	1080 - 1100	3000 - 4000	80	L70B50 @ 50000h	A+	9,5	5 years / 20000 hrs
LED DLM 2000 (FORTIMO DLM ES GEN1)	-	-	1930 - 2000	3000 - 4000	80	L70B50 @ 50000h	A+	17,5	5 years / 20000 hrs
LED DLM 3000 (FORTIMO DLM ES GEN1)	-	-	2850 - 3000	3000 - 4000	80	L70B50 @ 50000h	A+	26,5	5 years / 20000 hrs

LED modules

lamp type	power	lamp base	luminous flux (lm)	colour temp. (K)	CRI	life expectancy (h)	EEL	System power kWh/1000h	Garantee
COREPRO 9,5W 827	9,5	E27	806	2700	80	15000	A+	9,5	2 years / 8000 hrs
COREPRO 11-75W 827	11	E27	1055	2700	80	15000	A+	11,5	2 years / 8000 hrs
COREPRO 6-40W 827	6	E27	470	2700	80	15000	A+	6	2 years / 8000 hrs
MASTER 11-75W 827	11	E27	1055	2700	80	25000	A+	11	2 years / 8000 hrs

LEDSTRIP

lamp type	power	lamp base	luminous flux (lm)	colour temp. (K)	CRI	life expectancy (h)	EEL	System power kWh/1000h	Garantee
LED STRIP 600lm/m 24V	6,2 - 5,6	-	600	3000 - 4000	> 90	L70B50 @ 50000h	A+	depends on length	5 years / 20000 hrs
LED STRIP 1200lm/m 24V	11,2 - 10,8	-	1200	3000 - 4000	> 90	L70B50 @ 50000h	A+	depends on length	5 years / 20000 hrs
LED STRIP RGB 24V	7,2 - 5,4 - 4,8	-	161 - 256 - 53	RGB	-	L70B50 @ 50000h	B	depends on length	3 years / 12000 hrs
LED STRIP 900lm/m 24V	12,3	-	950 - 950 - 1100	2700 - 3000 - 4000	80	35000	A+...A	depends on length	3 years / 12000 hrs
LED STRIP 1500lm/m 24V	16,7	-	1500 - 1500 - 1650	2700 - 3000 - 4000	80	35000	A+	depends on length	3 years / 12000 hrs

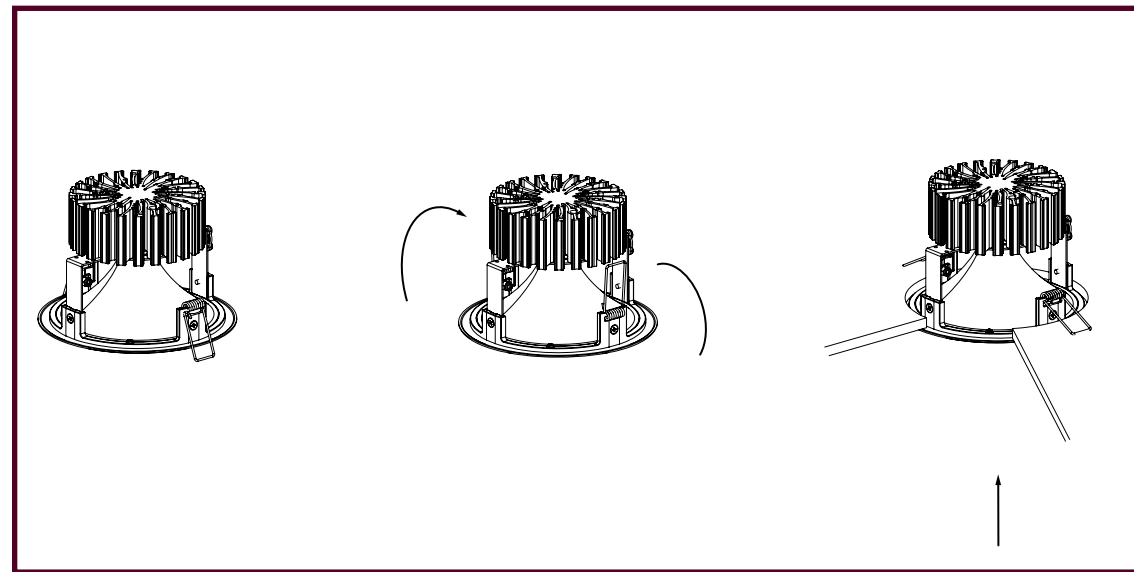
Compact fluorescent lamps (CFL)

lamp type	power	lamp base	luminous flux (lm)	colour temp. (K)	CRI	life expectancy (h)	EEL	System power kWh/1000h	Garantee
T5 HE - 550mm	14W	G5	1200	3000 - 4000	85	24000	A+	15	2 years / 8000 hrs
T5 HE - 850mm	21W	G5	1900	3000 - 4000	85	24000	A+	23	2 years / 8000 hrs
T5 HE - 1150mm	25W ECO	G5	2600	3000 - 4000	85	25000	A+	28	2 years / 8000 hrs
	28W	G5	2600	3000 - 4000	85	24000	A+	31	2 years / 8000 hrs
T5 HE - 1450mm	32W ECO	G5	3300	3000 - 4000	85	25000	A+	35	2 years / 8000 hrs
	35W	G5	3300	3000 - 4000	85	24000	A+	38	2 years / 8000 hrs
T5 HO - 550mm	24W	G5	1750	3000 - 4000	85	24000	A	25	2 years / 8000 hrs
T5 HO - 850mm	39W	G5	3100	3000 - 4000	85	24000	A+	42	2 years / 8000 hrs
T5 HO - 1150mm	50W ECO	G5	4450	3000 - 4000	85	25000	A+	54	2 years / 8000 hrs
	54W	G5	4450	3000 - 4000	85	24000	A+	59	2 years / 8000 hrs
T5 HO - 1450mm	45W ECO	G5	4100	3000 - 4000	85	25000	A+	50	2 years / 8000 hrs
	49W	G5	4100	3000 - 4000	85	24000	A+	54	2 years / 8000 hrs
T5 HO - 1450mm	73W ECO	G5	6150	3000 - 4000	85	25000	A+	80	2 years / 8000 hrs
	80W	G5	6150	3000 - 4000	85	24000	A	88	2 years / 8000 hrs
T5C	22W	2GX13	1800	3000 - 4000	85	12000	A	25	2 years / 8000 hrs
	40W	2GX13	3300	3000 - 4000	85	12000	A	44	2 years / 8000 hrs
	55W	2GX13	4200	3000 - 4000	85	12000	A	61	2 years / 8000 hrs
	60W	2GX13	5000	3000 - 4000	85	12000	A	66	2 years / 8000 hrs

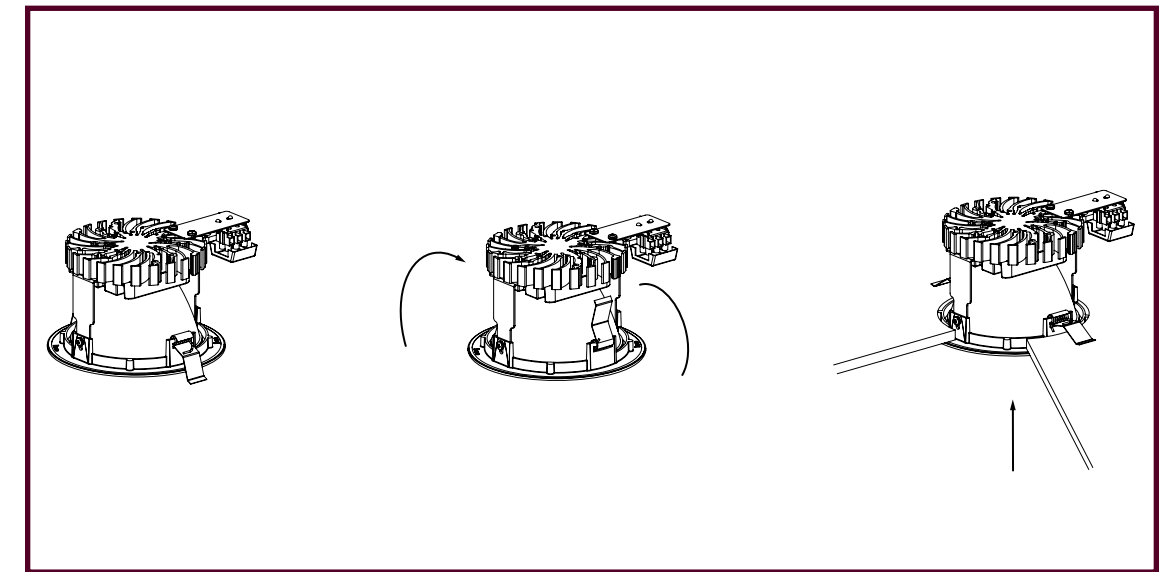


INSTALLATIEMETHODES

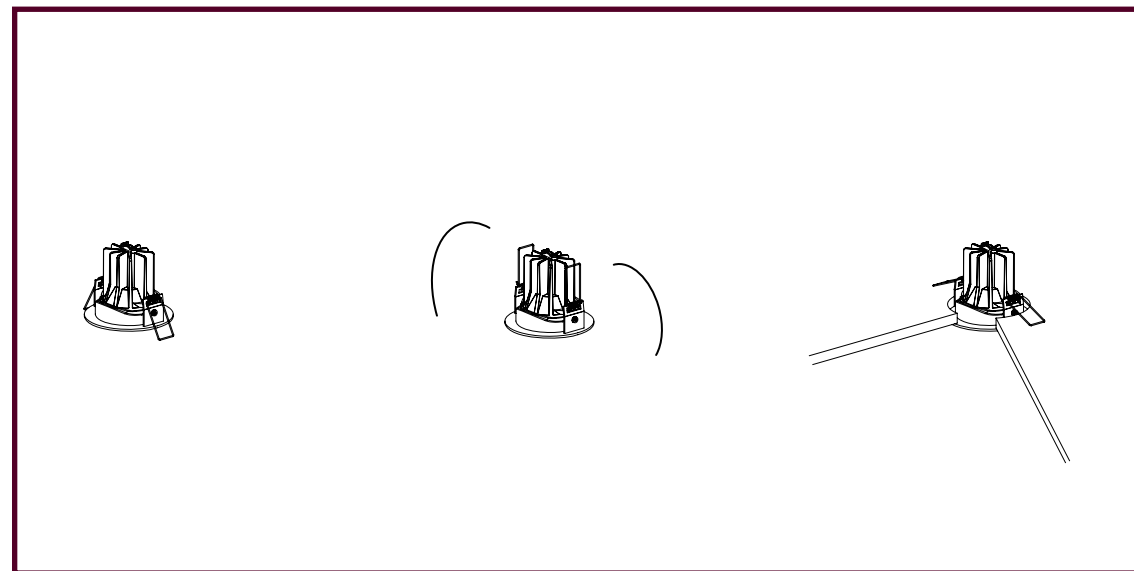
NOTICES D'INSTALLATION / INSTALLATIONSMETHODEN / INSTALLATION METHODS



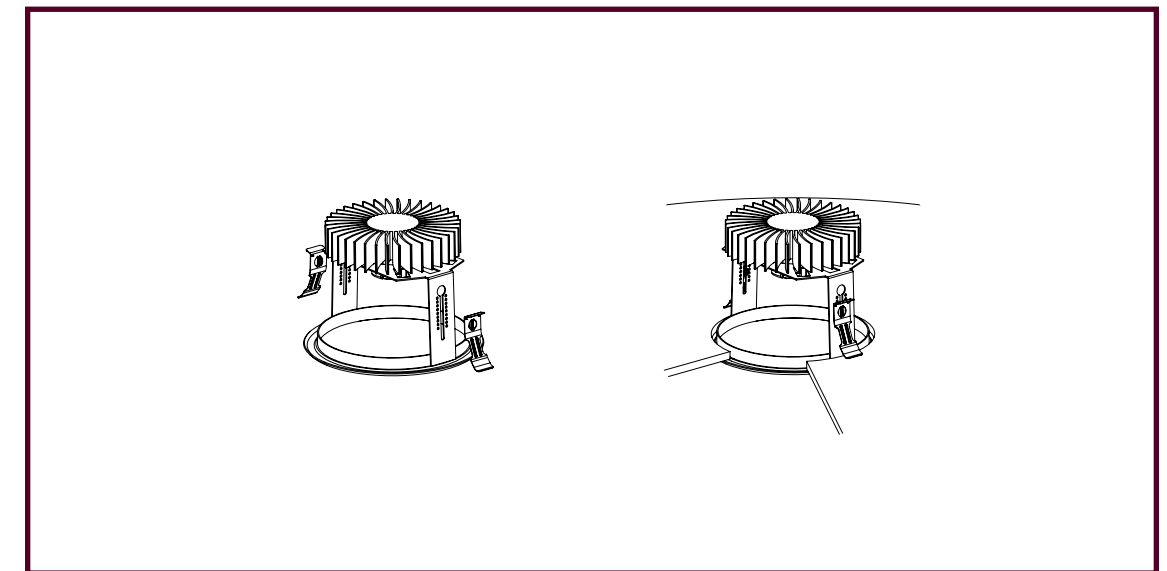
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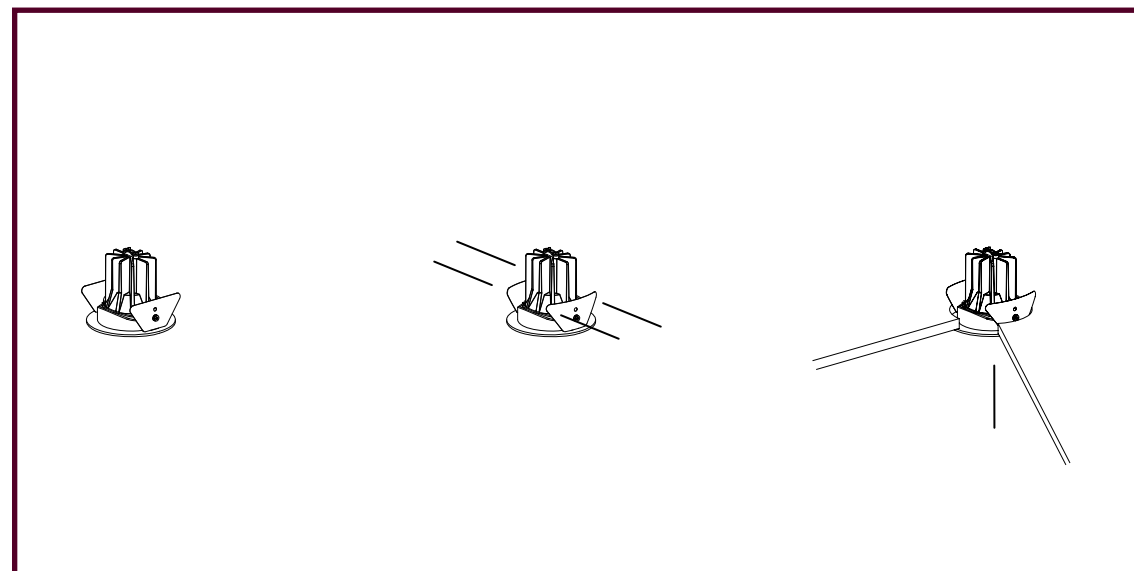
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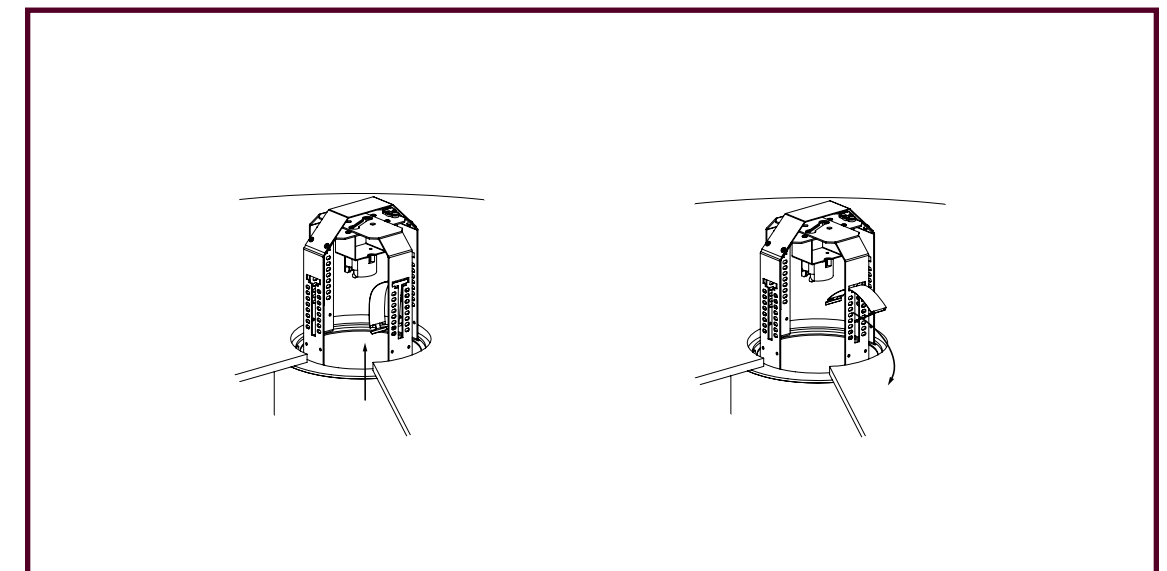
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