



2024 **Global
project**
MARECO LUCE





Global project

MARECO LUCE

A global project concerns everyone, no one excluded. Our global project concerns all our products, no one excluded.





A project focused on the product research that is conducted in our headquarter in Italy but that can go beyond the borders, in order to find exactly what we have in mind. This happens with our range of indoor-office-industrial products, designed by our R&D team and tested by our laboratory, but manufactured by our chosen worldwide partners, exactly as we want, with an excellent value for money, the leitmotif that has always characterized us.

Guidance for consultation

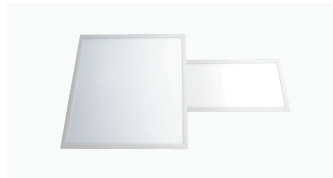
ICONOGRAPHY

 Wall installation	 Ceiling installation	 Indoor installation	 Outdoor installation	 Seafront installation	 Led Life time
 Dimmable driver	 Beam optics	 Permanent emergency	 IP protection degree	 Colour Rendering Index	 Cut-off
 Impact resistance	 Photobiological risk	 Supply tension	 Colour temperature	 Step MacAdam	 Year warranty
 Insulation Class I	 Insulation Class II	 Insulation Class III	 In conformity with EU directives	 Flicker free	

DEFINITIONS

 Colour Rendering Index	<p>CRI stands for Colour Rendering Index. It is the measurement of how colours look under a light source when compared with sunlight. The index is measured from 0-100, with a perfect 100 indicating that colours under the light source appear the same as they would under natural sunlight.</p>
 Photobiological risk	<p>RG stands for Risk Group and it indicates the level of risk caused by the blue light (photobiological risk).</p> <p>RG0 (Risk Exempt): The source does not cause any photo-biological risk. Requirement met by any lamp that does not cause a blue light (BL) retinal risk with an exposure time of up to 10,000 s (about 2.8 h).</p> <p>RG1 (Low Risk): The source does not cause risk due to normal operating limitations on exposure. Requirement met by any source that exceeds the limits of the Exempt Group but does not cause a blue light (BL) retinal risk with an exposure time of up to 100 s.</p> <p>RG2 (Moderate Risk): The source does not cause a risk due to an instinctive reaction when looking at very bright light sources (or due to a sensation of thermal discomfort.) Requirement met by any source that exceeds the limits of Risk 1 Group but does not cause a blue light (BL) retinal risk with an exposure time of up to 0.25 s (aversion response).</p> <p>RG3 (High Risk): The source can constitute a risk even due to momentary or brief exposure. Sources that exceed the limits of Risk Group 2 are included in Risk Group 3.</p>
 IP protection degree	<p>IP20 Protected against solid objects $\varnothing >$ of 12mm (e.g., fingers) and not protected against liquids.</p> <p>IP40 Protected against solid objects $\varnothing >$ of 1mm (e.g., wires, nails...) and not protected against liquids.</p> <p>IP43 Protected against solid objects $\varnothing >$ of 1mm (e.g., wires, nails...) and against direct sprays of water up to 60 ° from the vertical (rain).</p> <p>IP44 Protected against solid objects $\varnothing >$ of 1mm (e.g., wires, nails...) and against water splashed from all directions, limited ingress permitted.</p> <p>IP54 Protected against dust limited ingress, not harmful deposits and against water splashed from all directions, limited ingress permitted.</p> <p>IP55 Protected against dust limited ingress, not harmful deposits and against low pressure jets of water from all directions, limited ingress permitted.</p> <p>IP65 Totally protected against dust and against low pressure jets of water from all directions, limited ingress permitted.</p> <p>IP66 Totally protected against dust and against strong jets of water (e.g., on ships deck), limited ingress permitted.</p> <p>IP67 Totally protected against dust and against the effects of temporary immersion between 15cm and 1m. Duration of test 30 minutes.</p> <p>IP68 Totally protected against dust and against long periods of immersion under pressure.</p>
 Impact resistance	<p>IK02 Protected against 0.2 joules of impact (the equivalent to the impact of a 0.25kg mass dropped from 80mm above the impacted surface).</p> <p>IK03 Protected against 0.35 joules of impact (the equivalent to the impact of a 0.2kg mass dropped from 140mm above the impacted surface).</p> <p>IK04 Protected against 0.5 joules of impact (the equivalent to the impact of a 0.25kg mass dropped from 200mm above the impacted surface).</p> <p>IK05 Protected against 0.7 joules of impact (the equivalent to the impact of a 0.25kg mass dropped from 280mm above the impacted surface).</p> <p>IK06 Protected against 1 joules of impact (the equivalent to the impact of a 0.25kg mass dropped from 400mm above the impacted surface).</p> <p>IK07 Protected against 2 joules of impact (the equivalent to the impact of a 0.5kg mass dropped from 400mm above the impacted surface).</p> <p>IK08 Protected against 5 joules of impact (the equivalent to the impact of a 1.7kg mass dropped from 300mm above the impacted surface).</p>

LED PANELS



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Led panels

Lynx

Edge-lit led panel 60x60 and 30x120, UGR<19, flicker-free. Housing in anodised white painted aluminium. Opal micro-prismatic diffuser in PMMA with very high transmittance, uniform luminance and anti-glare surface. Suitable for recessed, surface, and suspension mounting by means of the relevant accessories (IP40). ON/OFF and DALI versions available, supply tension 220-240V 50/60Hz.

INSTALLATION



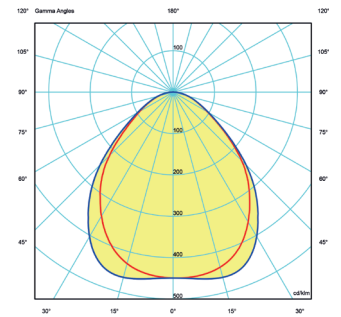
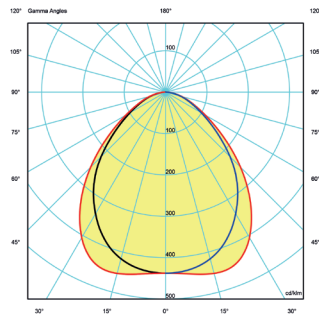
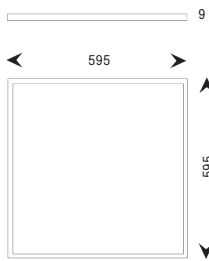
TECHNICAL DETAILS



Lynx 60x60



Lynx 30x120



Versions

60x60 3000/4000 K

60x60 DALI 3000/4000 K

30x120 3000/4000 K

30x120 DALI 3000/4000 K

Optional accessories

Frame for ceiling mounting

Suspension kit

Clips for recessed mounting

Emergency kit 3h

Dimension (mm)	Power	Kelvin	Output	Efficiency	Dimmable driver	Colour	Code	
60x60 595x595xh9	36 W	3000 K	3893 lm	108 lm/W	---	White	0406.184G	1
	36 W	4000 K	4186 lm	116 lm/W	---	White	0406.182G	1
	36 W	3000 K	3893 lm	108lm/W	DALI2_PUSH	White	0406.17DG	1
	36 W	4000 K	4186 lm	116 lm/W	DALI2_PUSH	White	0406.17FG	1
30x120 295x1195xh9	36 W	3000 K	4309 lm	120 lm/W	---	White	0407.184G	1
	36 W	4000 K	4480 lm	124 lm/W	---	White	0407.182G	1
	36 W	3000 K	4309 lm	120 lm/W	DALI2_PUSH	White	0407.17DG	1
	36 W	4000 K	4480 lm	124 lm/W	DALI2_PUSH	White	0407.17FG	1


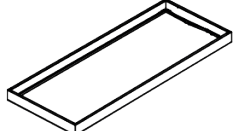
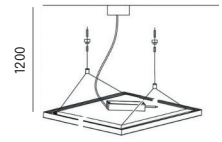

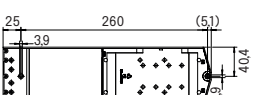


Lynx 60x60
with white frame



Lynx 30x120
with suspension kit

OPTIONAL ACCESSORIES To be ordered separately

Picture	Description	Code	QTY
	White aluminium frame 605x605x50mm for surface mounting for Lynx 60x60	0400.000B	1
	White aluminium frame 305x1205x50mm for surface mounting for Lynx 30x120	0400.0001	1
	Suspension kit for Lynx/Pixis 60x60 and 30x120. Maximum height from the ceiling 1300mm (panel 60x60), 1400mm (panel 30x120).	0400.0018	1
	Clips for recessed mounting for Lynx/Pyxis 60x60 and 30x120	0400.0017	1
	Emergency Kit 3h for Lynx/Pyxis IP20	0400.0021	1

Led panels

Pyxis

Back-lit led panel 60x60 and 30x120, UGR<19, flicker-free. Housing in anodised white painted aluminium. Opal micro-prismatic diffuser in PMMA with high transmittance, uniform luminance and anti-glare surface. Suitable for recessed and surface mounting by means of the relevant accessories (IP40). ON/OFF and DALI versions available, supply tension 220-240V 50/60Hz.

INSTALLATION



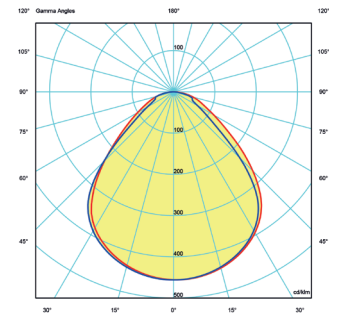
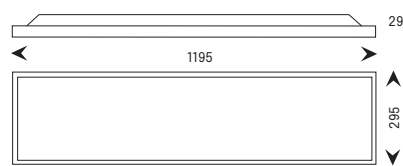
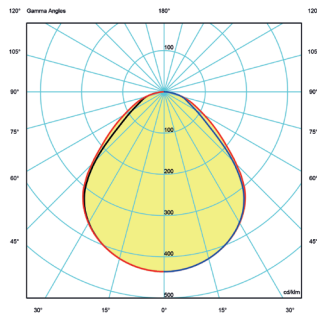
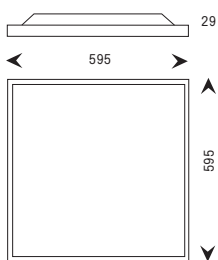
TECHNICAL DETAILS



Pyxis 60x60



Pyxis 30x120



Versions

60x60 3000/4000 K

60x60 DALI 3000/4000 K

30x120 3000/4000 K

30x120 DALI 3000/4000 K

Optional accessories

Frame for ceiling mounting

Clips for recessed mounting

Emergency kit 3h

Dimension (mm)	Power	Kelvin	Output	Efficiency	Dimmable driver	Colour	Code	
60x60 595x595xh29	36 W	3000 K	3648 lm	101 lm/W	---	White	0408.184G	1
	36 W	4000 K	3948 lm	110 lm/W	---	White	0408.182G	1
	36 W	3000 K	3648 lm	101 lm/W	DALI2_PUSH	White	0408.17DG	1
	36 W	4000 K	3948 lm	110 lm/W	DALI2_PUSH	White	0408.17FG	1
30x120 295x1195xh29	36 W	3000 K	3816 lm	106 lm/W	---	White	0409.184G	1
	36 W	4000 K	4104 lm	114 lm/W	---	White	0409.182G	1
	36 W	3000 K	3816 lm	106 lm/W	DALI2_PUSH	White	0409.17DG	1
	36 W	4000 K	4104 lm	114 lm/W	DALI2_PUSH	White	0409.17FG	1



Pyxis 60x60
with frame



OPTIONAL ACCESSORIES *To be ordered separately*

Picture	Description	Code	1
	White aluminium frame 600x600x74mm for surface mounting for Pyxis 60x60	0400.0019	1
	White aluminium frame 300x1200x74mm for surface mounting for Pyxis 30x120	0400.0020	1
	Clips for recessed mounting for Lynx/Pyxis 60x60 and 30x120	0400.0017	1
	Emergency Kit 3h for Lynx/Pyxis IP20	0400.0021	1

Industrial High-Bay

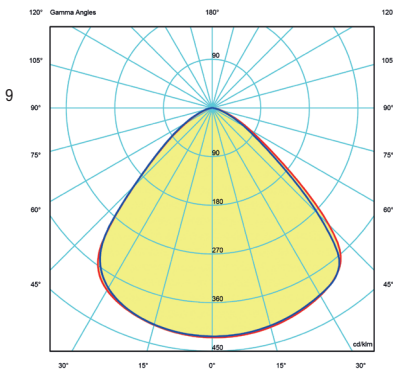
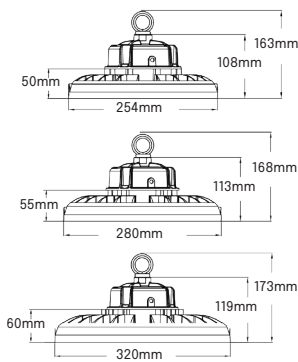
Taurus

High-Bay 100W, 150W and multipower selectable via a dip-switch. Housing in anodised and painted die-cast aluminium, transparent polycarbonate diffuser, with beam 90° (IK08). Suitable for suspension via an eyebolt or mounting by means of a bracket. IP65. ON/OFF and DALI versions available, possible use with sensor only via APP, supply tension 100-277V 50/60Hz.

INSTALLATION



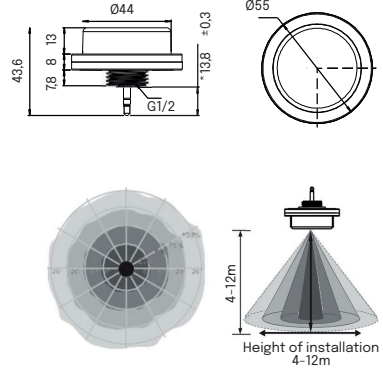
TECHNICAL DETAILS



BLUETOOTH MICROWAVE SENSOR



- Motion and daylight microwave sensor with Bluetooth mesh technology.
- Corridor function & Daylight Harvesting function.
- Controlled via **App**.



Dimension (mm)	Power	Kelvin	Output	Efficiency	Dimmable driver	Colour	Code	
Ø254xh163	100 W	4000 K	14500 lm	145 lm/W	0-10V PWM	Black	0820182N	1
Ø254xh168	100 W	4000 K	14500 lm	145 lm/W	DALI-2	Black	082017FN	1
Ø280xh168	150 W	4000 K	21750 lm	145 lm/W	0-10V PWM	Black	0820282N	1
Ø280xh173	150 W	4000 K	21750 lm	145 lm/W	DALI-2	Black	082027FN	1
Ø320xh173	200 W	4000 K	29000 lm	145 lm/W	0-10V PWM	Black	0820482N	1

OPTIONAL ACCESSORIES *To be ordered separately*

Description	Code		Description	Code	
Fixing bracket for Taurus 100W	08200002	1	Fixing bracket for Taurus 200W	08200004	1
Fixing bracket for Taurus 150W	08200003	1	Bluetooth microwave sensor	08200001	1

Surface Appliques

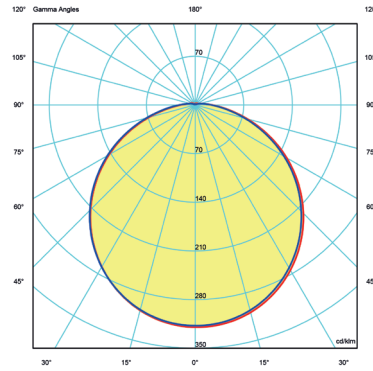
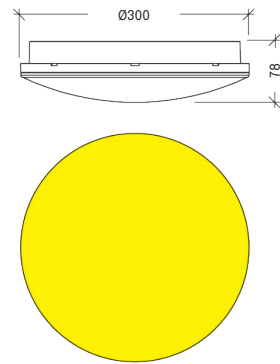
Aldebaran

Surface luminaires for wall and ceiling mounting Ø 300mm. Base and frame made in polycarbonate. Diffuser made in UV stabilized polycarbonate (IK08). Pre-set for side-cable entry. Suitable for indoor and outdoor (IP65) and saline environments. Built-in driver, supply tension 220-240V 50/60Hz.

INSTALLATION



TECHNICAL DETAILS



Dimension (mm)	Power	Kelvin	Output	Colour	Code	
Ø300xh78	34,5 W	3000 K	2250 lm	White	0723184B	1
Ø300xh78	34,5 W	4000 K	2400 lm	White	0723182B	1

Surface Appliques

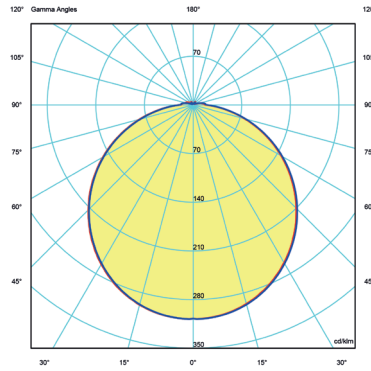
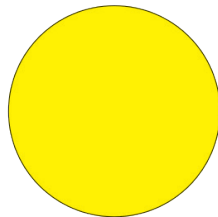
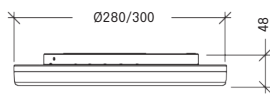
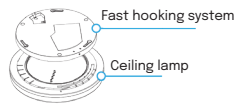
Alphard

Surface luminaire for wall and ceiling mounting Ø 280mm and 330mm. Base made in polycarbonate and complete with fast-hooking system. Diffuser made in UV stabilized polycarbonate (IK08). Pre-set for side-cable entry (IP54). Built-in driver, supply tension 220-240V 50/60Hz.

INSTALLATION



TECHNICAL DETAILS



Dimension (mm)	Power	Kelvin	Output	Colour	Code	📦
Ø280xh48	20,7 W	3000 K	1550 lm	White	0725184B	1
Ø280xh48	20,7 W	4000 K	1700 lm	White	0725182B	1
Ø330xh48	27,6 W	3000 K	2050 lm	White	0725284B	1
Ø330xh48	27,6 W	4000 K	2250 lm	White	0725282B	1

Surface Appliques

Bellatrix

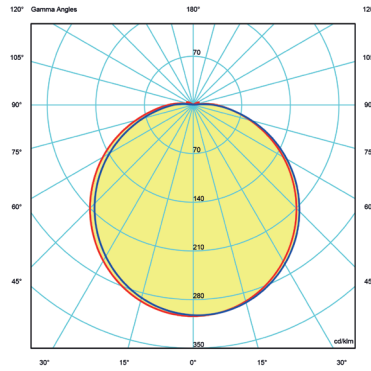
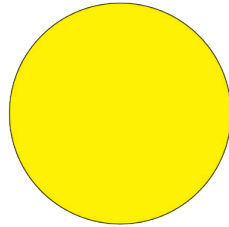
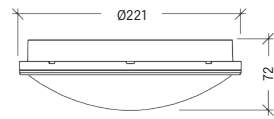
Surface luminaire for wall and ceiling mounting Ø 221mm. Base made in polycarbonate. Diffuser made in UV stabilized polycarbonate (IK08). Pre-set for side-cable entry. Suitable for indoor and outdoor (IP65) and saline environments.

Built-in driver, supply tension 220-240V 50/60Hz.

INSTALLATION



TECHNICAL DETAILS



Dimension (mm)	Power	Kelvin	Output	Colour	Code	
Ø221xh72	20 W	3000 K	1500 lm	White	0724184B	1
Ø221xh72	20 W	4000 K	1600 lm	White	0724182B	1

Led Strips

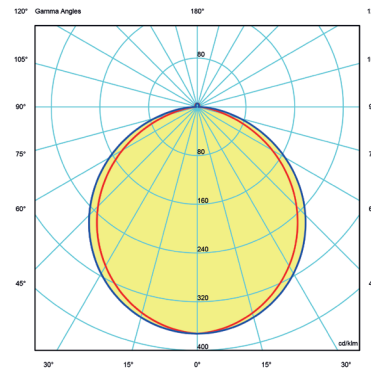
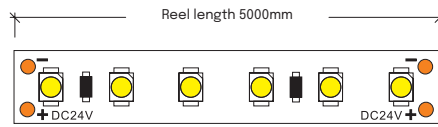
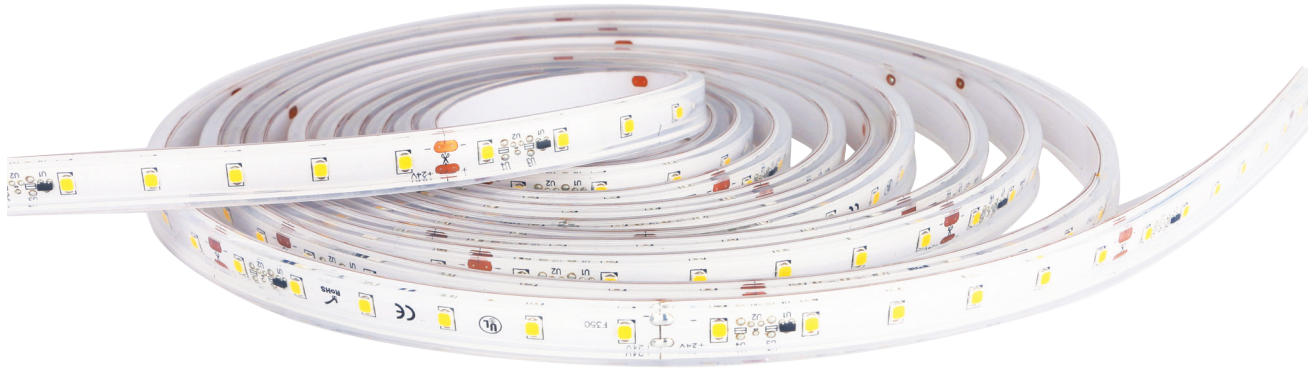
Hydra

Led strip 24V DC 4.8W/m, 9.6W/m, 14.4W/m and 19.2W/m, for indoor (IP20) and outdoor (IP65 and IP68), in reels of 5mts each. Suitable for surface or recessed mounting by means of the relevant accessories. Remote driver.

INSTALLATION



TECHNICAL DETAILS



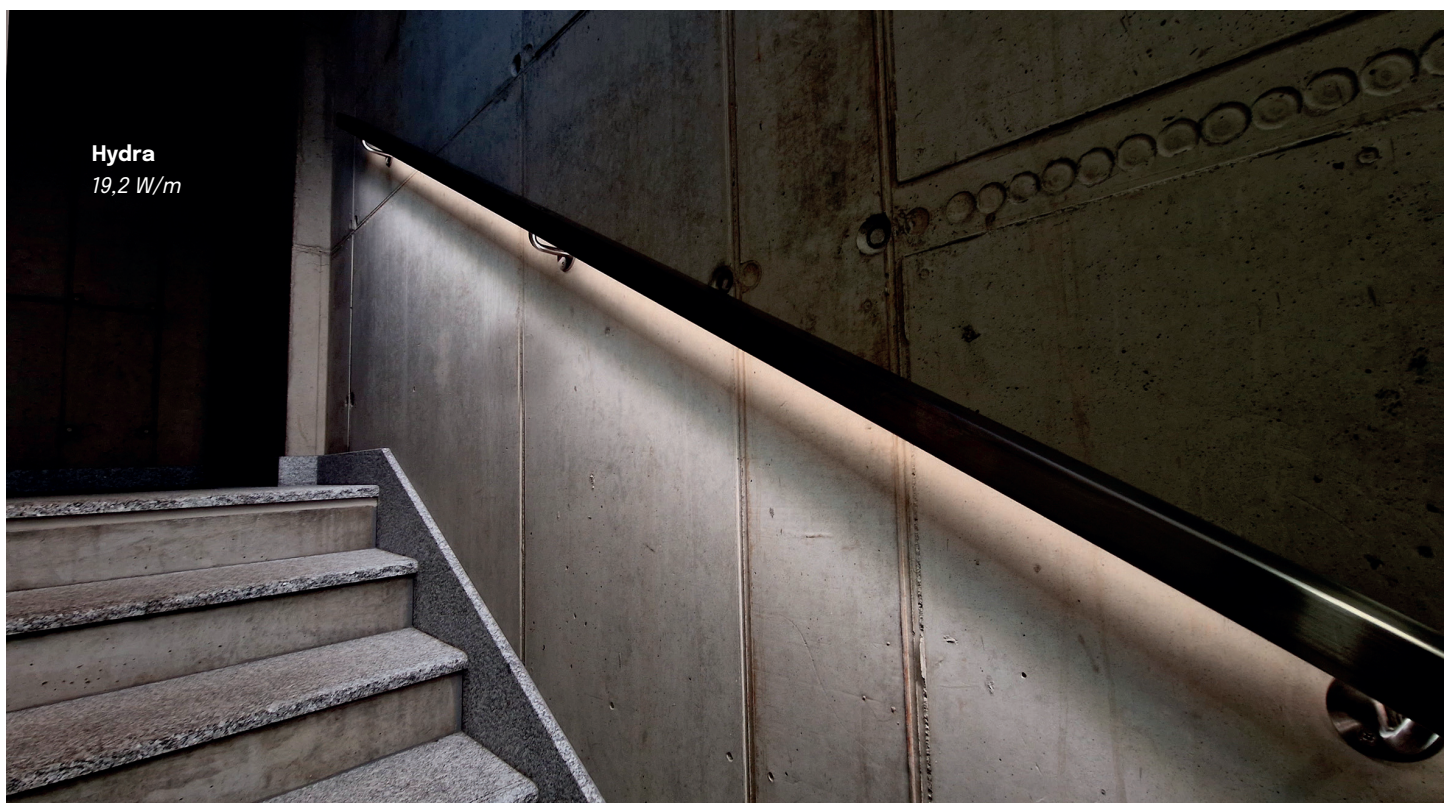
Versions

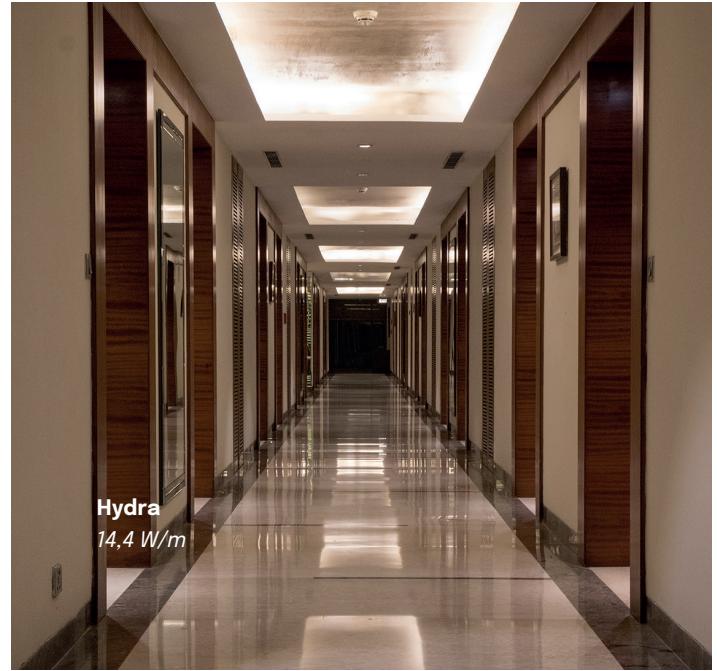
4.8 W/m	9.6 W/m	14.4 W/m	19.2 W/m
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Optional accessories

Surface u-shaped profile	High-dissipation profile	Finned profile for recessed mounting	Profile for dry-wall for recessed mounting
V-shaped profile	Surface u-shaped profile (2 strips)	Finned profile for recessed mounting (2 strips)	Driver IP20/IP67

Versions	Dimension (mm)	Power	Kelvin	Output	IP	Code	📦
4.8 W/m	5000x8xh3	4,8 W/m	3000 K	482 lm/m	20	0550.2084	1
	5000x8xh3	4,8 W/m	4000 K	544 lm/m	20	0550.2082	1
	5000x8xh4	4,8 W/m	3000 K	472 lm/m	65	0550.6584	1
	5000x8xh4	4,8 W/m	4000 K	533 lm/m	65	0550.6582	1
	5000x10xh6	4,8 W/m	3000 K	458 lm/m	68	0550.6884	1
	5000x10xh6	4,8 W/m	4000 K	517 lm/m	68	0550.6882	1
9.6 W/m	5000x10xh3	9,6 W/m	3000 K	1068 lm/m	20	0551.2084	1
	5000x10xh3	9,6 W/m	4000 K	1074 lm/m	20	0551.2082	1
	5000x10xh4	9,6 W/m	3000 K	1047 lm/m	65	0551.6584	1
	5000x10xh4	9,6 W/m	4000 K	1053 lm/m	65	0551.6582	1
	5000x12xh6	9,6 W/m	3000 K	1015 lm/m	68	0551.6884	1
	5000x12xh6	9,6 W/m	4000 K	1020 lm/m	68	0551.6882	1
14.4 W/m	5000x10xh3	14,4 W/m	3000 K	1540 lm/m	20	0552.2084	1
	5000x10xh3	14,4 W/m	4000 K	1558 lm/m	20	0552.2082	1
	5000x10xh4	14,4 W/m	3000 K	1509 lm/m	65	0552.6584	1
	5000x10xh4	14,4 W/m	4000 K	1527 lm/m	65	0552.6582	1
	5000x12xh6	14,4 W/m	3000 K	1463 lm/m	68	0552.6884	1
	5000x12xh6	14,4 W/m	4000 K	1480 lm/m	68	0552.6882	1
19.2 W/m	5000x10xh3	19,2 W/m	3000 K	2136 lm/m	20	0553.2084	1
	5000x10xh3	19,2 W/m	4000 K	2148 lm/m	20	0553.2082	1
	5000x10xh4	19,2 W/m	3000 K	2093 lm/m	65	0553.6584	1
	5000x10xh4	19,2 W/m	4000 K	2105 lm/m	65	0553.6582	1
	5000x12xh6	19,2 W/m	3000 K	2029 lm/m	68	0553.6884	1
	5000x12xh6	19,2 W/m	4000 K	2041 lm/m	68	0553.6882	1





OPTIONAL ACCESSORIES *To be ordered separately*

Picture	Description	Code	
	Surface U-shaped aluminium profile 2 mts long, complete with polycarbonate opal brushed diffuser, 2 fixing clips, and 2 closing caps (1with hole for cable exit and 1 without hole). Suitable for strips from 4,8W/m to 14,4W/m. IP20.	0590.0000	1
	High dissipation aluminium profile 2 mts long, complete with polycarbonate opal brushed diffuser, 2 fixing clips, and 2 closing caps (1with hole for cable exit and 1 without hole). Suitable for strips from 4,8W/m to 19,2W/m. IP20.	0590.0001	1
	Finned aluminium profile for recessed mounting 2 mts long, complete with polycarbonate opal brushed diffuser, 2 fixing clips, and 2 closing caps (1with hole for cable exit and 1 without hole). Suitable for strips from 4,8W/m to 14,4W/m. IP20.	0591.0000	1
	Aluminium profile for recessed mounting for drywalls 2 mts long, complete with polycarbonate opal brushed diffuser, 2 fixing clips, and 2 closing caps (1with hole for cable exit and 1 without hole). Suitable for strips from 4,8W/m to 19,2W/m. IP20.	0591.0001	1
	V-shaped aluminium profile 2 mts long, complete with polycarbonate opal brushed diffuser, 2 fixing clips, and 2 closing caps (1with hole for cable exit and 1 without hole). Suitable for strips from 4,8W/m to 14,4W/m. IP20.	0592.0000	1
	Surface U-shaped aluminium profile (2strips) 2 mts long, complete with polycarbonate opal brushed diffuser, 2 fixing clips, and 2 closing caps (1with hole for cable exit and 1 without hole). Suitable for strips from 4,8W/m to 14,4W/m. IP20.	0593.0000	1
	Finned aluminium profile for recessed mounting (2 strips) 2 mts long, complete with polycarbonate opal brushed diffuser, 2 fixing clips, and 2 closing caps (1with hole for cable exit and 1 without hole). Suitable for strips from 4,8W/m to 14,4W/m. IP20.	0594.0000	1
	Driver Meanwell IP20 75W-24V	0599.2002	1
	Driver Meanwell IP20 150W-24V	0599.2003	1
	Driver Meanwell IP67 60W-24V	0599.0704	1
	Driver Meanwell IP67 120W-24V	0599.0705	1

WARRANTY TERMS AND CONDITIONS

Terms of warranty offered by Mareco Luce S.r.l. for the supply of products using a LED light source.

1. PRODUCTS

This warranty applies to Mareco Luce S.r.l. products using a LED light source and is limited to the light source.
This warranty covers luminaires used in environments with a maximum environmental temperature of 25°C.

2. WARRANTY CONDITIONS

This guarantee is valid only on the condition that:

- 1) the user uses the Mareco Luce S.r.l. product according to the specifications of the product itself;
- 2) the product is installed in full compliance with the assembly instructions by qualified technicians with the qualifications required by the law;
- 3) the luminaires are not modified by the user and/or that maintenance/repairs have not been carried out without the written authorisation of the Mareco Luce S.r.l. technical office.

Further conditions

The claimed products must be returned to Mareco Luce S.r.l. within 15 days from the written communication of the fault otherwise this warranty will be null or void. The costs of transport, of disassembling and reassembling are AT THE CUSTOMER'S EXPENSE. Any costs incurred for gaining access to the place of installation with mobile scaffoldings, hoists, opening of places at night, intervention of third parties will be at the customer's expense.

3. DURATION OF THE GUARANTEE and LIMITATIONS

The warranty granted by Mareco Luce S.r.l. to the CUSTOMER (limited to the LED circuits included in this document thus excluding any other electrical or electronic component) lasts for five (5) years and/or 50,000 operating hours.

To ensure that the product warranty coincides with the manufacturer's one, the warranty is extended for further 3 months from the date of manufacture printed on the product, up to maximum 63 months from the date of manufacture. The warranty becomes effective from the date printed on the label clearly placed on the luminaire.

4. EXCLUSIONS

The warranty does not cover

- damage caused by transport;
- damage caused by using the luminaire in unsuitable environmental conditions;
- damage caused by negligence or a lack of maintenance or attempts at repair work carried out by unqualified and/or unauthorized personnel and in any case without using the original accessories or spare parts;
- luminaires installed on wiring systems that have a power factor unbalance (voltage/current) of less than 0.8;
- luminaires installed on wiring systems without any type of overvoltage protection (e.g. for lightning)

5. WARRANTY FULFILMENT

- The conventional warranty provided herein can only be fulfilled if it is the subject of a writ-ten claim to Mareco Luce S.r.l. to be sent by means of letter or e-mail within fifteen (15) days from the discovery of the faulty operation of the luminaire, otherwise the warranty will be null or void.
- In order to take advantage of the conventional warranty issued herewith, THE CUSTOMER, must provide proof of having followed the afore-mentioned conditions.

The faultiness of the luminaires will be assessed by Mareco Luce S.r.l., which will determine, at its own irrevocable decision, whether it falls within the warranty conditions described herein.

- The user benefiting from the warranty will have the right to have the luminaire replaced or repaired.
- Following the technological progress as well as the modifications that may take place in the use of the product's light flow, the lighting characteristics of the LED modules sent to replace the faulty ones may differ compared with the original products.
- Mareco Luce S.r.l. reserves the right to replace the faulty product with another product similar in design offering a similar or better performance or it may reimburse the customer with the amount paid.
- The cost of labour for the replacement of the luminaire and, in any case, for any damage even if indirect connected with the faultiness of the product, is excluded.
- No agent, distributor or retailer is in any way authorised to change, modify or extend the terms of the warranty on behalf of Mareco Luce S.r.l. under any circumstance.
- At the request of Mareco Luce S.r.l. the non-conforming or faulty products will become the property of Mareco Luce S.r.l. as soon as they have been replaced.

6. GOVERNING LAW - COMPETENT COURT OF LAW

The fulfilment, interpretation and any questions linked to the validity and the effects of this conventional warranty will, in all cases, be determined and governed by the Italian law. Any controversy that may arise from this warranty or is connected with it and/or related to it will be transferred to the exclusive competence of the court of Forlì.

For the effects and the purposes of articles 1341 and 1342 of the civil code, specific approval is given of the clauses stated in articles: 2 (Terms of Warranty), 3 (Duration of the Warranty and limitations), 4 (Exclusions), 5 (Fulfilment of the Warranty) and 6 (Governing Law - Competent court of Law).

2024 EDITION



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NOTES

- Mareco Luce reserves the right to make all necessary changes for the improvement of the equipment or manufacturing needs, including their elimination, without any notice or communication.
- Installation and maintenance instructions, photometrics (EULUMDAT and IES version) and data sheets are available for all products included in this catalogue.
- Installations instructions are always provided along with the products. They include important information and the main technical characteristics of the products; therefore, they must be preserved.
- You can find and download them from our official website: www.marecoluce.it
- You can request them by sending an e-mail to: export@marecoluce.it or info@marecoluce.it

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