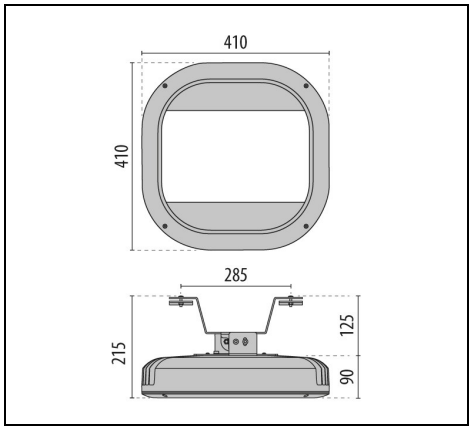
THEOS LUM GLASS SR/125

Part number 3113474



IP 66 | CLASS II | ≤-40°C | ≥ +50° | WATER STOP | ULR<1 | CIEn°3>95 | SPD 10kV | CE | EAC | UKCA

Description

LED catenary lighting luminaire, comprising:
- Die-cast aluminium housing, polyester powder coat finish ISO 9227/12944 - ISO 9223 (C5)
- Powder-polyester coated die-cast aluminium trim
- High-transparency polycarbonate optics
- The Secure Light Distribution (SLD) system guarantees uniform light distribution even in the remote case of LED failures
- Anti-ageing custom moulded silicone sealing gasket(s) with resilient elastic return capacity
- Extra clear, toughened, flat glass diffuser
- Complete with supplementary surge protection device (SPD) against mains overvoltages up to 10 kV and electrostatic charges (ESD)
- Connection to mains through technopolymer box, for cables Ø 7 - 17 mm. Complete with factory pre-wired 0.5 m H07RN-F cable
- Stainless steel locking hardware
- Ultra-thick galvanised sheet steel rope fixing device
- Wire mount, whose special geometrical design is studied for easy installation and firm locking with strong metal clamps
- Optimised light emission dual-adjustment design: the angle adjustment allows for direction when the wire is not perpendicular to the road, and the transversal adjustment allows levelling when the wire is not parallel to the ground
- UNI 10819 light pollution standards compliant (0% ULOR rating)
- Other colour temperatures (CCT) and colour rendering index (CRI) options available. Consult factory
- CLO (Constant Light Output) options available. Consult factory
- Design by SILVIA PAOLA PENNACCHIO
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To maintain the regular updating of our products, PERFORMANCE iN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25ºC. Terms of warranty are available at https://www.performanceinlighting.com/qr/company/led-warranty

For information:
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Product data

ETIM Group:	EG000027	**ETIM Class:**	EC000062

General information

Lampholder:	LED	**Light source:**	LED
Lightsource lumen output [lm]:	14120	**Luminaire lumen output [lm]:**	13888
Luminaire wattage [W]:	104 W	**Luminous efficacy [lm/W]:**	134
CRI:	70	**Colour temperature [K]:**	3000
Colour / Finishing:	AN-96 / Anthracite gray / Matt	**IP degree of protection:**	IP66
Impact resistance / impact energy:	IK09 12J xx7	**Protection class:**	II
Optic:	SR/125 - Street	**Net weight [kg]:**	11.672
Overall length [mm]:	410	**Overall width [mm]:**	410
Overall height [mm]:	215		

Mechanical features

Shape:	Square ≥ 300 mm	**Housing material:**	Aluminium
Diffuser material:	Glass	**Glow wire test [°C]:**	960 °C
Frontal exposed area [m²]:	0.04	**Lateral exposed area [m²]:**	0.04
Top exposed area [m²]:	0.15		

Electrical features

Voltage type:	AC	**Input voltage [V AC]:**	200/240
Input frequency [Hz]:	50/60	**Power factor / COS Φ:**	>0.95
Surge protection | Common [kV]:	10.000000	**Surge protection | Differential [kV]:**	6.000000
Inrush current [A/µs]:	53 / 300	**C10 1.5 mm²:**	8
C16 2.5 mm²:	13	**B10 1.5 mm²:**	5
B16 2.5 mm²:	8		

Installation

Application area:	Outdoor lighting	**Mounting type:**	Streetlight
Min. ambient temperature [°C]:	-40	**Max. ambient temperature [°C]:**	55
Min. distance from lighted object [m]:	0.50		

Light features

MacAdam:	3	**Lumen maintenance:**	L90B10@100000h
Distribution of light emission:	Direct	**Luminous Intensity Class:**	G*6
Zero light pollution (ULR = 0%):		**IPEA* (road lighting):**	A5+
IPEA* (large areas, roundabouts):	A8+	**IPEA* (cycle-pedestrian):**	A4+

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IPEA* (green areas):	A4+	**IPEA* (historic city centers):**	A9+

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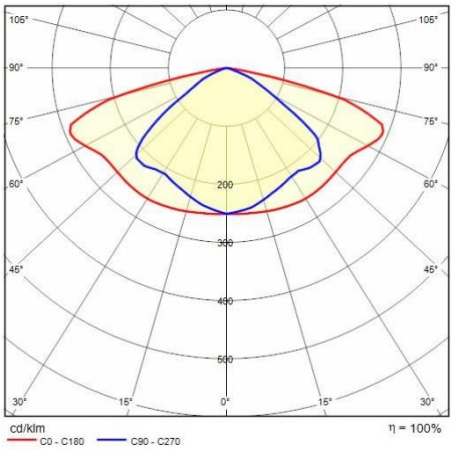
Photometric data



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