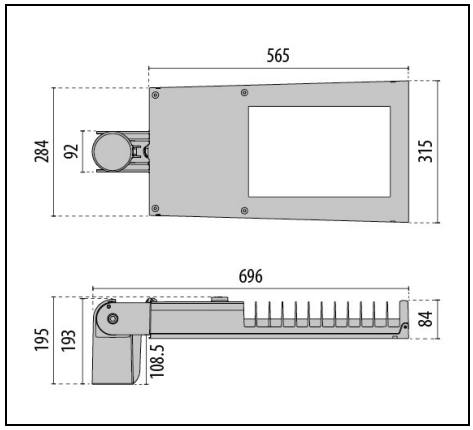
THEOS GLASS SR/100 ZHAGA

Part number 3112849



Description

LED street luminaire, comprising:
- Die-cast aluminium housing, polyester powder coat finish ISO 9227/12944 - ISO 9223 (C5)
- Coated die-cast aluminium captive trim, hinged to the housing
- Coated die-cast aluminium pole-top adaptor for pole Ø 60 / 76 mm
- 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
- Built-in driver
- The integral switch splitter automatically disconnects the driver from mains when opened
- Integral surge protection device (SPD) against mains overvoltages up to 10 kV (CM/DM)
- Stainless steel locking hardware
- Complete with 1 m factory pre-wired cable H07RN-F 2x1.5 mm^2
- UNI 10819 light pollution standards compliant (0% ULOR rating)
- Complete with ZHAGA socket positioned on the upper part of the luminaire (UP position) and D4i driver. Ready for "radio frequency node" smart, twilight and other compatible solutions (ZHAGA options). Consult factory for more options
- Upon request, luminaires can be provided with ZHAGA socket positioned in the lower part of the luminaire (DOWN position) or mixed (UP position + DOWN position) to be able to connect presence and/or motion detectors or combined solutions
- Other colour temperatures (CCT) and colour rendering index (CRI) options available. Consult factory
- Design by SILVIA PAOLA PENNACCHIO
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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]:	23898	**Luminaire lumen output [lm]:**	20559
Luminaire wattage [W]:	136 W	**Luminous efficacy [lm/W]:**	151
CRI:	70	**Colour temperature [K]:**	4000
Colour / Finishing:	AN-96 / Anthracite gray / Textured	**IP degree of protection:**	IP66
Impact resistance / impact energy:	IK08 9J xx5	**Protection class:**	II
Optic:	SR/100 - Street	**Net weight [kg]:**	10.13
Overall length [mm]:	696	**Overall width [mm]:**	315
Overall height [mm]:	195		

Mechanical features

Shape:	Rectangular	**Housing material:**	Aluminium
Diffuser material:	Glass	**Glow wire test [°C]:**	650 °C
Lateral exposed area [m²]:	0.07	**Top exposed area [m²]:**	0.17

Electrical features

Voltage type:	AC	**Input voltage [V AC]:**	220/240
Input frequency [Hz]:	50/60	**Power factor / COS Φ:**	>0.95
Surge protection | Common [kV]:	10.000000	**Surge protection | Differential [kV]:**	10.000000
Inrush current [A/µs]:	85 / 215	**C10 1.5 mm²:**	5
C16 2.5 mm²:	8	**B10 1.5 mm²:**	3
B16 2.5 mm²:	5		

Installation

Application area:	Outdoor lighting	**Mounting type:**	Streetlight
Min. ambient temperature [°C]:	-40	**Max. ambient temperature [°C]:**	50
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*4
Zero light pollution (ULR = 0%):		**IPEA* (road lighting):**	A5+
IPEA* (large areas, roundabouts):	A9+	**IPEA* (cycle-pedestrian):**	A5+
IPEA* (green areas):	A5+	**IPEA* (historic city centers):**	A11+

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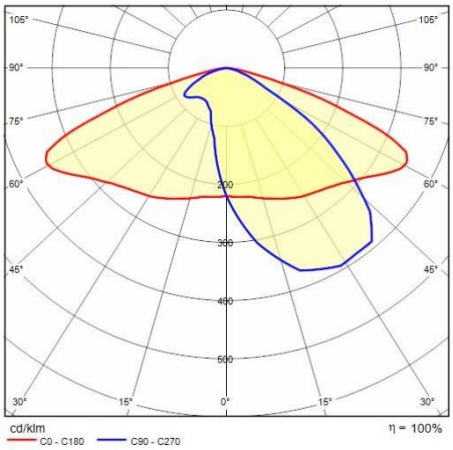
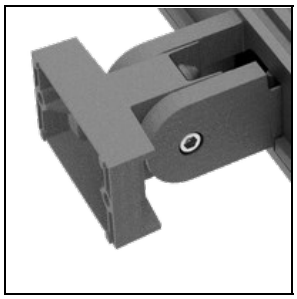
Photometric data



Optional accessories

THEOS GLASS



14174796

Wall mount bracket THEOS

AN-96 / Anthracite gray

14077796

Hot-dipped galvanized wall angled steel bracket, cataphoresis and polyester powder

AN-96 / Anthracite gray

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