

KREOS SR/100

Part number 3106119



Description

LED street luminaire, comprising:

- Die-cast aluminium housing and cover, polyester powder coat finish ISO 9227/12944 - ISO 9223 (C5)
- Coated die-cast aluminium pole-top adaptor for pole \varnothing 60 / 76 mm
- High-performance polished, oxidised, PVD 99.99% silver treated, pure aluminium reflectors. This treatment creates an iridescence-free surface with a greater than 97% reflectance
- UNI 10819 light pollution standards compliant (0% ULOR rating)
- Anti-ageing custom moulded silicone sealing gasket(s) with resilient elastic return capacity
- Extra clear, toughened, flat glass diffuser
- The integral switch splitter automatically disconnects the driver from mains when opened
- Die-cast aluminium retaining clip with stainless steel spring allows quick and tool-free access to the luminaire for extraordinary maintenance
- Removable galvanized sheet metal gear tray
- Built-in driver
- Integral surge protection device (SPD) against mains overvoltages up to 10 kV (CM/DM)
- Complete with 1 m H07RN-F 2x1.5 mm² or H07RN-F 4x1.5 mm² (dimnable options) cable, for mains connection without opening the luminaire
- Stainless steel locking hardware
- Other colour temperatures (CCT) and colour rendering index (CRI) options available. Consult factory

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Product data

| | | | |
|-------------|----------|-------------|----------|
| ETIM Group: | EG000027 | ETIM Class: | EC000062 |
|-------------|----------|-------------|----------|

General information

| | | | |
|------------------------------------|------------------------------------|------------------------------|-------|
| Lampholder: | LED | Light source: | LED |
| Lightsource lumen output [lm]: | 9039 | Luminaire lumen output [lm]: | 7302 |
| Luminaire wattage [W]: | 53 W | Luminous efficacy [lm/W]: | 138 |
| CRI: | 70 | Colour temperature [K]: | 4000 |
| Colour / Finishing: | AN-g6 / Anthracite gray / Textured | IP degree of protection: | IP66 |
| Impact resistance / impact energy: | IK08 gJ xx5 | Protection class: | II |
| Optic: | SR/100 - Street | Net weight [kg]: | 6.268 |
| Overall length [mm]: | 300 | Overall width [mm]: | 536 |
| Overall height [mm]: | 229 | | |

Mechanical features

| | | | |
|---|-------------|---|-----------|
| Shape: | Rectangular | Housing material: | Aluminium |
| Diffuser material: | Glass | Glow wire test [°C]: | 960 °C |
| Frontal exposed area [m ²]: | 0.02 | Lateral exposed area [m ²]: | 0.05 |
| Top exposed area [m ²]: | 0.15 | | |

Electrical features

| | | | |
|---------------------------------|-----------|---------------------------------------|-----------|
| Voltage type: | AC | Input voltage [V AC]: | 220/240 |
| Input frequency [Hz]: | 50/60 | Power factor / COS Φ: | >0.9 |
| Surge protection Common [kV]: | 10.000000 | Surge protection Differential [kV]: | 10.000000 |
| Inrush current [A/μs]: | 54 / 250 | C10 1.5 mm ² : | 12 |
| C16 2.5 mm ² : | 20 | B10 1.5 mm ² : | 7 |
| B16 2.5 mm ² : | 12 | | |

Installation

| | | | |
|--------------------------------|------------------|--------------------------------|-------------|
| Application area: | Outdoor lighting | Mounting type: | Streetlight |
| Min. ambient temperature [°C]: | -40 | Max. ambient temperature [°C]: | 40 |

Light features

| | | | |
|-----------------------------------|--------|--------------------------------|----------------|
| MacAdam: | 5 | Lumen maintenance: | L90B10@100000h |
| Distribution of light emission: | Direct | Luminous Intensity Class: | G*3 |
| Zero light pollution (ULR = 0%): | | IPEA* (road lighting): | A7+ |
| IPEA* (large areas, roundabouts): | A8+ | IPEA* (cycle-pedestrian): | A7+ |
| IPEA* (green areas): | A7+ | IPEA* (historic city centers): | A11+ |

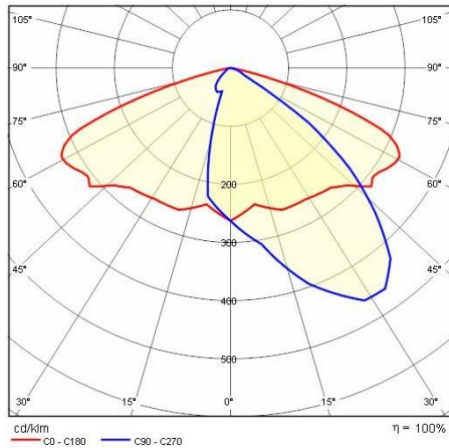
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Photometric data



Optional accessories

KREOS



3106386

Reducer pole Ø 42÷46 mm

■ AN-g6 / Anthracite gray



14077796

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

■ AN-g6 / Anthracite gray

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