

KREOS SR/100

Part number 3106113



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

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 25°C. Terms of warranty are available at <https://www.performanceinlighting.com/gr/company/led-warranty>

Product data

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

General information

| | | | |
|------------------------------------|------------------------------------|------------------------------|-------|
| Lampholder: | LED | Light source: | LED |
| Lightsource lumen output [lm]: | 1965 | Luminaire lumen output [lm]: | 1575 |
| Luminaire wattage [W]: | 12 W | Luminous efficacy [lm/W]: | 131 |
| 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]: | 6.035 |
| 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]: | 6.000000 | Surge protection Differential [kV]: | 10.000000 |
| Inrush current [A/μs]: | 25 / 236 | C10 1.5 mm ² : | 20 |
| C16 2.5 mm ² : | 33 | B10 1.5 mm ² : | 12 |
| B16 2.5 mm ² : | 20 | | |

Installation

| | | | |
|--------------------------------|------------------|--------------------------------|-------------|
| Application area: | Outdoor lighting | Mounting type: | Streetlight |
| Min. ambient temperature [°C]: | -40 | Max. ambient temperature [°C]: | 50 |

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): | A6+ |
| IPEA* (large areas, roundabouts): | A7+ | IPEA* (cycle-pedestrian): | A6+ |
| IPEA* (green areas): | A6+ | IPEA* (historic city centers): | A10+ |

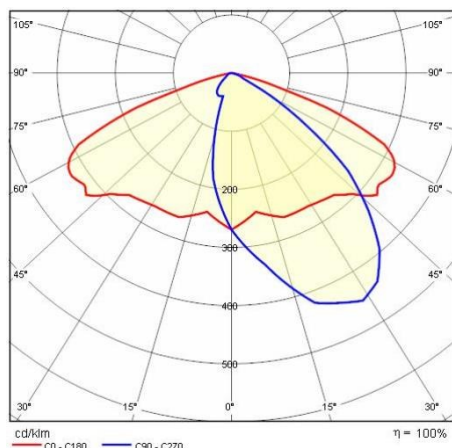
To maintain the regular updating of our products, PERFORMANCE IN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25°C. Terms of warranty are available at <https://www.performanceinlighting.com/qr/company/led-warranty>

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 25°C. Terms of warranty are available at <https://www.performanceinlighting.com/qr/company/led-warranty>

For information:
PERFORMANCE IN LIGHTING S.p.A. Headquarters - Italy
Viale del Lavoro 9/11
37030 Colognola ai Colli Verona - Italy
Tel. +39 045 61 59 211

info.it@pil.lighting
www.performanceinlighting.com

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

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 25°C. Terms of warranty are available at <https://www.performanceinlighting.com/qr/company/led-warranty>