

# KREOS SR/150

Part number 3106260



## 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 Ø 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 mm<sup>2</sup> or H07RN-F 4x1.5 mm<sup>2</sup> (dimmable 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]:     | 6288                               | Luminaire lumen output [lm]: | 4710  |
| Luminaire wattage [W]:             | 35 W                               | Luminous efficacy [lm/W]:    | 135   |
| 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/150 - 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 [m²]: | 0.02        | Lateral exposed area [m²]: | 0.05      |
| Top exposed area [m²]:     | 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 mm²:                          | 12        |
| C16 2.5 mm²:                    | 20        | B10 1.5 mm²:                          | 7         |
| B16 2.5 mm²:                    | 12        |                                       |           |

## 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):         | A7+            |
| IPEA* (large areas, roundabouts): | A8+    | IPEA* (cycle-pedestrian):      | A6+            |
| IPEA* (green areas):              | A6+    | IPEA* (historic city centers): | A11+           |

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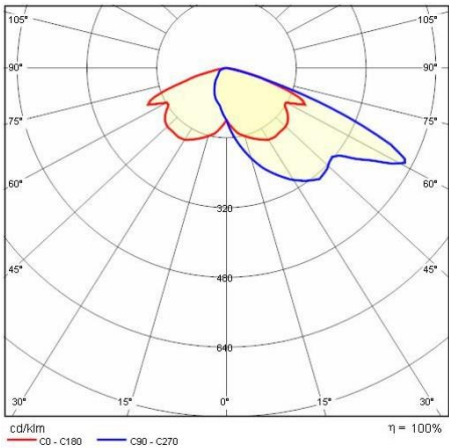
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Photometric data



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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