

## KREOS SR/100



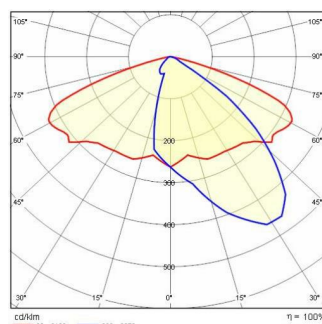
|   |                                    |
|---|------------------------------------|
| <b>Part number</b>                        | 3106117                            |
| <b>Lampholder:</b>                        | LED                                |
| <b>Light Source:</b>                      | LED                                |
| <b>Wattage:</b>                           | 35 W                               |
| <b>Finish:</b>                            | AN-96 / Anthracite gray / Textured |
| <b>Insulation class:</b>                  | II                                 |
| <b>Degree of protection:</b>              | IP66                               |
| <b>IK-J-xxIP:</b>                         | IK08 9J xx5                        |
| <b>CRI:</b>                               | 70                                 |
| <b>Kelvin:</b>                            | 4000                               |
| <b>Power factor:</b>                      | $\text{COS}\phi \geq 0,9$          |
| <b>Optic:</b>                             | Road reflector                     |
| <b>Lightsource lumen output:</b>          | 6288 lm                            |
| <b>Luminaire lumen output:</b>            | 5122 lm                            |
| <b>L:</b>                                 | L90                                |
| <b>B:</b>                                 | B10                                |
| <b>Lifetime:</b>                          | 100000 h                           |
| <b>Ta MIN luminaire:</b>                  | -40°                               |
| <b>Ta MAX luminaire:</b>                  | 50°                                |
| <b>ULR:</b>                               | 0%                                 |
| <b>IPEA* (Street Lighting):</b>           | A9+                                |
| <b>IPEA* (Area Lighting):</b>             | A9+                                |
| <b>IPEA* (Cycle/Pedestrian Lighting):</b> | A8+                                |
| <b>IPEA* (Green Areas):</b>               | A8+                                |
| <b>IPEA* (Historical Areas):</b>          | A12+                               |
| <b>Luminous Intensity Class:</b>          | G*3                                |



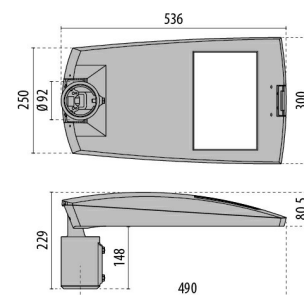
### Description

- Series of LED street luminaires, comprising:
- Housing and cap in die-cast aluminium with polyester powder coating after surface chemical conversion treatment ISO 9227
  - Painted die-cast aluminium pole-mounting joint for pole  $\varnothing$  60 mm or 76 mm
  - Very high performance reflectors made of very pure aluminium, polished and oxidised with successive PVD 99.99% silver treatment. This creates a surface with greater than 97% reflectance and free of iridescence.
  - Optics available depending on the models: SR/075 for narrow roads with an L/H ratio (road width/pole height) between 0.5 and 0.75; SR/100 for two-lane roads and L/H ratio equal to 1; SR/125 for wide roads and L/H ratio equal to 1.25; SR/150 for wide roads and L/H ratio equal to 1.5
  - Compliant with the UNI 10819 Standard and with the Italian regional laws on light pollution
  - High resiliency anti-ageing silicone gasket with high elastic return capacity
  - Flat extra clear tempered glass diffuser
  - Automatic line isolator switch that cuts off power supply when ring is opened
  - Complete with attached die-cast aluminium clip with stainless steel spring that allows quick and tool-free access to the fixture for maintenance
  - Removeable component support in galvanized sheet metal
  - High efficiency electronic driver
  - Complete with supplementary device for protection against network surges of up to 10

### Photometric data



### Technical drawings



kV (DM)

- Complete with 1 meter H07RN-F 2x1.5 mm<sup>2</sup> or H07RN-F 4x1.5 mm<sup>2</sup> cable for dimmable versions, which allows connection to the network without opening the luminaire
- Stainless steel external screws
- NEMA versions are complete with NEMA SOCKET connected to DALI dimmer capable drivers and a watertight short-circuit cap that allows the on-off operation of the luminaire. These versions are designed for mounting SMART-compatible solutions.
- KREOS versions can be manufactured with all optics available for the series. Consult Factory
- Consult factory for other colour temperatures and colour rendering index
- CLO (Constant light output) option available. Consult Factory
- Photometric data measure according to UNI EN 13032-4 and IES LM-79-08
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## OPTIONAL ACCESSORIES

### KREOS



3106386  
Reducer pole Ø 42÷46 mm  
Anthracite gray



14077796  
Hot-dipped galvanized wall angled  
steel bracket, cataphoresis and  
polyester powder  
Anthracite gray