

## KREOS SR/100



<b>Part number</b>	3106173
<b>Lampholder:</b>	LED
<b>Light Source:</b>	LED
<b>Wattage:</b>	24 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>	3000
<b>Power factor:</b>	$\text{COS}\phi \geq 0,9$
<b>Optic:</b>	Road reflector
<b>Lightsource lumen output:</b>	3750 lm
<b>Luminaire lumen output:</b>	3063 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>	A6+
<b>IPEA* (Area Lighting):</b>	A7+
<b>IPEA* (Cycle/Pedestrian Lighting):</b>	A6+
<b>IPEA* (Green Areas):</b>	A6+
<b>IPEA* (Historical Areas):</b>	A10+
<b>Luminous Intensity Class:</b>	G*3

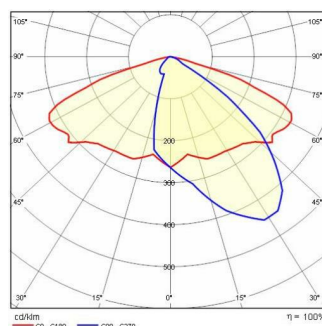


### Description

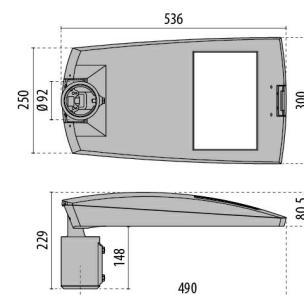
Series of LED street luminaires, comprising:

- 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
- Photometric data measure according to UNI EN 13032-4 and IES LM-79-08

## 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