

## KREOS SR/125



<b>Part number</b>	3106238
<b>Lampholder:</b>	LED
<b>Light Source:</b>	LED
<b>Wattage:</b>	12 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>	1965 lm
<b>Luminaire lumen output:</b>	1558 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>	A8+
<b>IPEA* (Area Lighting):</b>	A9+
<b>IPEA* (Cycle/Pedestrian Lighting):</b>	A7+
<b>IPEA* (Green Areas):</b>	A7+
<b>IPEA* (Historical Areas):</b>	A12+
<b>Luminous Intensity Class:</b>	G*3

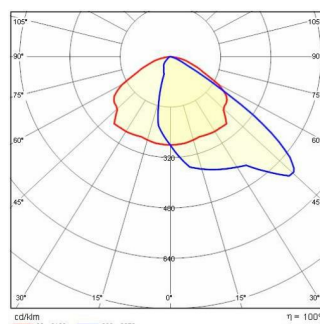


### Description

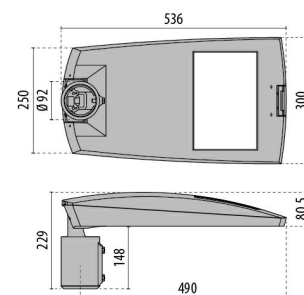
LED street luminaire, comprising:

- Die-cast aluminium housing and cap, chemical pre-treated and painted polyester powder coating ISO 9227
- Painted die-cast aluminium pole-top adaptor for pole  $\varnothing$  60 / 76 mm
- Pure aluminium high-performance reflectors, polished, oxidised, PVD 99.99% silver treated. This treatment creates a surface with greater than 97% reflectance and iridescence-free
- Optics available: 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 standards on light pollution
- High resiliency anti-ageing silicone gasket with high elastic return capacity
- Extra clear, tempered, flat glass diffuser
- Switch splitter automatically disconnects the power supply when the cable cover is opened
- Die-cast aluminium retaining clip with stainless steel spring allows quick and tool-free access to the fixture for extraordinary maintenance
- Removable galvanized sheet metal gear tray
- Built-in driver
- Integral surge protection device (SPD) against mains overvoltages up to 10 kV
- Complete with 1 meter H07RN-F 2x1.5 mm2 or H07RN-F 4x1.5 mm2 cable for dimmable

### Photometric data



### Technical drawings



- versions, which allows connection to the mains without opening the luminaire
- Stainless steel external screws
  - NEMA versions are complete with NEMA SOCKET connected to DALI drivers and a waterproof short-circuit cap allowing 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
  - For other colour temperatures and different colour rendering index consult factory
  - 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