

KREOS SR/100



Part number	3106121
Lampholder:	LED
Light Source:	LED
Wattage:	82 W
Finish:	AN-96 / Anthracite gray / Textured
Insulation class:	II
Degree of protection:	IP66
IK-J-xxIP:	IK08 9J xx5
CRI:	70
Kelvin:	4000
Power factor:	$\text{COS}\phi \geq 0,9$
Optic:	Road reflector
Lightsource lumen output:	12707 lm
Luminaire lumen output:	9862 lm
L:	L90
B:	B10
Lifetime:	100000 h
Ta MIN luminaire:	-40°
Ta MAX luminaire:	40°
ULR:	0%
IPEA* (Street Lighting):	A5+
IPEA* (Area Lighting):	A6+
IPEA* (Cycle/Pedestrian Lighting):	A4+
IPEA* (Green Areas):	A4+
IPEA* (Historical Areas):	A9+
Luminous Intensity Class:	G*3

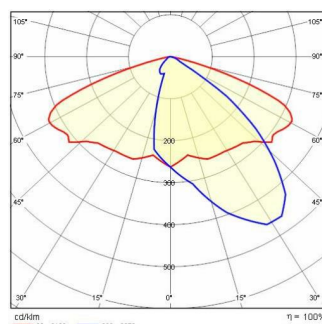


Description

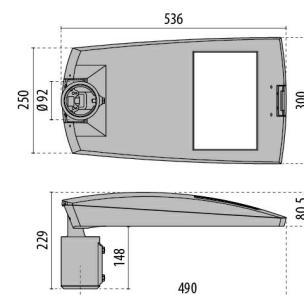
Series of LED street luminaires, comprising:

- 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 mm² or H07RN-F 4x1.5 mm² 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