

KREOS SR/100 NEMA



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|---|------------------------------------|
| Part number | 3105696 |
| 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 |

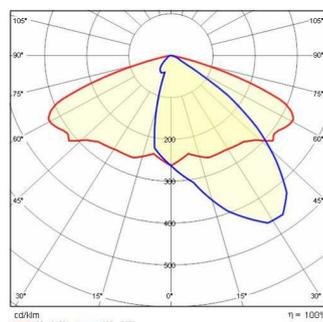


Description

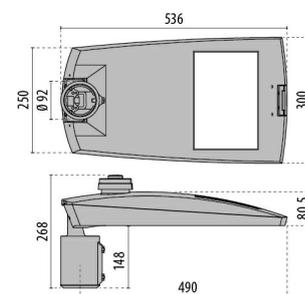
Series of LED street luminaires, comprising:

- Housing and cap in die-cast aluminium with polyester powder coating after surface chemical conversion treatment
- 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