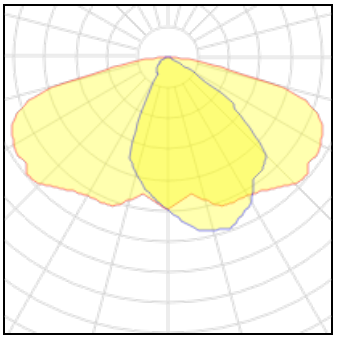
Product data sheet

KREOS SR/075 24W 740 AN-96 RPA
3106222
PERFORMANCE IN LIGHTING



Part number: 3106222. Serie: KREOS. LED street luminaire, comprising: Die-cast aluminium housing and cover, polyester powder coat finish ISO 9227/12944. ISO 9223 (C5). Coated die-cast aluminium pole-top adaptor for pole Ø 60 / 76 mm. High-performance polished, oxidised, PVD 99.99% silver treated, pure aluminium reflectors. This treatment creates an iridescence-free surface with a greater than 97% reflectance. UNI 10819 light pollution standards compliant (0% ULOR rating). Anti-ageing custom moulded silicone sealing gasket(s) with resilient elastic return capacity. Extra clear, toughened, flat glass diffuser. The integral switch splitter automatically disconnects the driver from mains when opened. Die-cast aluminium retaining clip with stainless steel spring allows quick and tool-free access to the luminaire for extraordinary maintenance. Removable galvanized sheet metal gear tray. Built-in driver. Integral surge protection device (SPD) against mains overvoltages up to 10 kV (CM/DM) . Complete with 1 m H07RN-F 2x1.5 mm² or H07RN-F 4x1.5 mm² (dimmable options) cable, for mains connection without opening the luminaire. Stainless steel locking hardware. KREOS versions can be manufactured with all optics available for the series. Consult Factory. Other colour temperatures (CCT) and colour rendering index (CRI) options available. Consult factory. Product data | ETIM Group: EG000027. ETIM Class: EC000062. General information | Lampholder: LED. Lightsource lumen output [lm]: 3930. Luminaire lumen output [lm]: 3163. Luminaire wattage [W]: 24 W. Luminous efficacy [lm/W]: 132. CRI: 70. Colour temperature [K]: 4000. Colour / Finishing: AN-96 / Anthracite gray / Textured. IP degree of protection: IP66. IK08 9J xx5. Protection class: II. Optic: SR/075 - Street. Net weight [kg]: 6.035. Overall length [mm]: 300. Overall width [mm]: 536. Overall height [mm]: 229. Mechanical features | Shape: Rectangular. Housing material: Aluminium. Diffuser material: Glass. Glow wire test [°C]: 960 °C. Frontal exposed area [m²]: 0.02. Lateral exposed area [m²]: 0.05. Top exposed area [m²]: 0.15. Electrical features | Voltage type: AC. Input voltage [V AC]: 220/240. Input frequency [Hz]: 50/60. Power factor / COS Φ: 0.9. Surge protection | Common [kV]: 6.000000. Surge protection | Differential [kV]: 10.000000. Inrush current [A/µs]: 40 / 300. C10 1.5 mm²: 16. C16 2.5 mm²: 26. B10 1.5 mm²: 8. B16 2.5 mm²: 14. Automatic power reductor. Installation | Application area: PROFESSIONAL OUTDOOR. Mounting type: Street lighting. Min. ambient temperature [°C]: -40. Max. ambient temperature [°C]: 50. Light features | Lamps: 1. ILCOS: DSS. MacAdam: 5. Lumen maintenance: L90B10@100000h. Distribution of light emission: Direct. Luminous Intensity Class: G*4. Zero light pollution (ULR = 0%). CIE flux code n.3 95. IPEA* (road lighting): A7+. IPEA* (large areas, roundabouts): A7+. IPEA* (cycle-pedestrian): A6+. IPEA* (green areas): A6+. IPEA* (historic city centers): A10+. Certifications | CE certified. EAC certified. UKCA certified. RCM certified. Mountable on normally inflammable surfaces.

Light output 1 (integrated)



Lamp type	LED	CCT	4000 K
Nominal lamp power	24 W	CRI	70
Total flux	3160 lm	LOR	100%
Luminous efficacy	132 lm/W	Total power	24 W

Mounting mode

Pole top mounted

Shape and measurements

Length: 3.62 in

Width: 3.62 in

Height: 7.68 in

Adjustability

Tiltable

Electric

System power: 24 W

Appliance Class: I

Protection

IP: 66

IK: 08

Designation labels: CE, F