

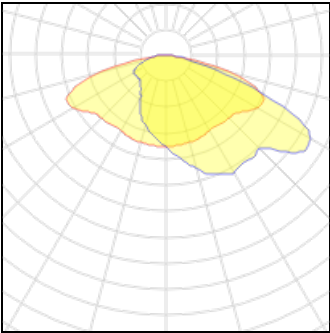
Product data sheet

THEOS GLASS SR/150 136W 730 AN-96
3105168
PERFORMANCE IN LIGHTING



Part number: 3105168. Serie: THEOS. Series of LED street lighting luminaires, comprising: . Die-cast aluminium housing, polyester powder coat finish ISO 9227/12944. ISO 9223 (C5) . Coated die-cast aluminium captive trim, hinged to the housing. Coated die-cast aluminium pole-top adaptor for pole Ø 60 / 76 mm. High-transparency polycarbonate optics. The Secure Light Distribution (SLD) system guarantees uniform light distribution even in the remote case of LED failures. 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. Built-in driver. Integral surge protection device (SPD) against mains overvoltages up to 10 kV (CM/DM) . Stainless steel locking hardware. 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. StReet optic options: SR/075 usually for narrow roads (0.5 L/H 0.75), SR/100 for two-lane roads (L/H = 1), SR/125 for wide streets and (L/H = 1.25), SR/150 for wide roads/parking lots (L/H = 1.5) schemes. L/H ratio (L-road width/H-pole height). UNI 10819 light pollution standards compliant (0% ULOR rating). Other colour temperatures (CCT) and colour rendering index (CRI) options available. Consult factory. Third-party controls NEMA 7-pin socket options available. Consult factory . CLO (Constant Light Output) options available. Consult factory. Product data | ETIM Group: EG000027. ETIM Class: EC000062. General information | Lampholder: LED. Lightsource lumen output [lm]: 22400. Luminaire lumen output [lm]: 19389. Luminaire wattage [W]: 136 W. Luminous efficacy [lm/W]: 143. CRI: 70. Colour temperature [K]: 3000. IP degree of protection: IP66. IK08 9J xx5. Protection class: II. Optic: SR/150 - . Net weight [kg]: 9.47. Overall length [mm]: 696. Overall width [mm]: 315. Overall height [mm]: 193. Mechanical features | Glow wire test [°C]: 960 °C. Lateral exposed area [m²]: 0.06. Top exposed area [m²]: 0.17. 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]: 8.000000. Surge protection | Differential [kV]: 10.000000. Inrush current [A/µs]: 53 / 300. C10 1.5 mm²: 8. C16 2.5 mm²: 13. B10 1.5 mm²: 5. B16 2.5 mm²: 8. Installation | Application area: OUTDOOR. Mounting type: Street lighting. Min. ambient temperature [°C]: -40. Max. ambient temperature [°C]: 50. Min. distance from lighted object [m]: 0.50. Light features | Lamps: 1. ILCOS: DSS. MacAdam: 3. 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): A3+. IPEA* (large areas, roundabouts): A7+. IPEA* (cycle-pedestrian): A4+. IPEA* (green areas): A4+. IPEA* (historic city centers): A9+. Certifications | CE certified. ENEC certified. EAC certified. UKCA certified. RCM certified. Mountable on normally inflammable surfaces.

Light output 1 (integrated)



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|--------------------|----------|-------------|--------|
| Lamp type | LED | CCT | 3000 K |
| Nominal lamp power | 136 W | CRI | 70 |
| Total flux | 19394 lm | LOR | 100% |
| Luminous efficacy | 143 lm/W | Total power | 136 W |

Mounting mode

Pole top mounted

Shape and measurements

Length: 3.66 in

Width: 3.66 in

Height: 7.40 in

Adjustability

Tiltable

Electric

System power: 136 W

Appliance Class: I

Protection

IP: 66

IK: 08

Designation labels: CE, ENEC, F