

## THEOS GLASS SR/075



|                                           |                                    |
|-------------------------------------------|------------------------------------|
| <b>Part number</b>                        | 3105160                            |
| <b>Lampholder:</b>                        | LED                                |
| <b>Light Source:</b>                      | LED                                |
| <b>Wattage:</b>                           | 136 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>                            | 3000                               |
| <b>Power factor:</b>                      | $\cos\phi \geq 0,9$                |
| <b>Optic:</b>                             | Road reflector                     |
| <b>Lightsource lumen output:</b>          | 20364 lm                           |
| <b>Luminaire lumen output:</b>            | 18568 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>           | A4+                                |
| <b>IPEA* (Area Lighting):</b>             | A7+                                |
| <b>IPEA* (Cycle/Pedestrian Lighting):</b> | A4+                                |
| <b>IPEA* (Green Areas):</b>               | A4+                                |
| <b>IPEA* (Historical Areas):</b>          | A10+                               |
| <b>Luminous Intensity Class:</b>          | G*4                                |

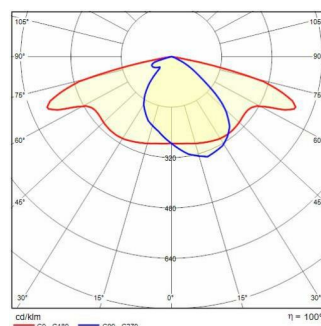


### Description

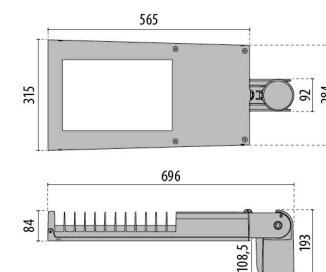
Series of LED road lighting luminaires, in two versions, comprising:

- Die-cast aluminium housing chemically pre-treated and painted with polyester powder coating
- Die-cast aluminium trim ring, polyester-powder painted after chemical surface treatment, fully integrated and hinged to the housing
- Painted die-cast aluminium pole-mounting joint for pole Ø 60 mm or 76 mm
- High-transparency polycarbonate lenses for best light transmission
- The "SECURE LIGHT DISTRIBUTION" system guarantees uniform light distribution even in the remote case of LED failures
- 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
- High efficiency electronic driver
- Complete with supplementary device for protection against network surges of up to 10 kV (DM)
- Stainless steel external screws
- Complete with 1 meter H07RN-F 2x1.5 mm<sup>2</sup> or H07RN-F 4x1.5 mm<sup>2</sup> cable for dimmable versions, which allows connection to the network without opening the luminaire
- 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

### Photometric data



### Technical drawings

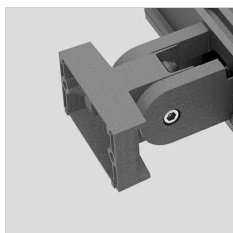


L/H ratio equal to 1.5

- Compliant with the UNI 10819 Standard and with the Italian regional laws on light pollution
- Consult factory for other colour temperatures and colour rendering index
- Consult factory for 7-pin NEMA socket options for external control systems connection.
- CLO (Constant light output) option available. Consult Factory
- Photometric data measure according to UNI EN 13032-4 and IES LM-79-08

## OPTIONAL ACCESSORIES

### THEOS GLASS



14174796  
Wall mount bracket THEOS  
Anthracite gray



14077796  
Hot-dipped galvanized wall angled  
steel bracket, cataphoresis and  
polyester powder  
Anthracite gray