

# Route

## ROUTE S IP66 27W/740 GR

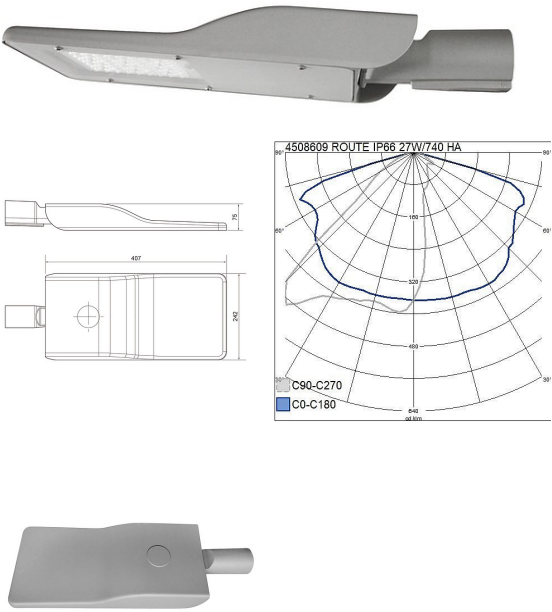
### Road luminaire

Equipped with high-quality optics, Route is designed for illuminating outdoor spaces and small roads. It is also an ideal choice for yards, car parks and jogging paths. Route is equipped with an energy-saving and convenient night dim function that automatically dims the light at night. The range offers several power options. The Route luminaire has a long service life. It is mounted on a pole or a lighting beam.

Route Road luminaire 27W 4000K 3520lm Dim 1-10 V; Dim programmable; IP66; IK08; Protection cl. I; L70B50 100000h; LED not exchangeable; CRI>70; SDCM5; Cable 8m; Ending; 5x1.5mm²; Housing al; Colour gr; Cover Glass transparent; C16 max. 36

Stocked: No

| ROUTE S IP66 27W/740 GR |         |     |                |
|-------------------------|---------|-----|----------------|
| PRODUCT CODE            | CODE    | KG  | PRODUCT FAMILY |
| 4508609                 | 4508609 | 4.4 | Route          |



## ROUTE S IP66 27W/740 GR

EC000062 Street lighting

| Mounting                                                                         |                      |
|----------------------------------------------------------------------------------|----------------------|
| Mounting method                                                                  | Post-top/side-entry  |
| Max. number of luminaires per miniature circuit breaker B16                      | 21                   |
| Max. number of luminaires per miniature circuit breaker C16                      | 36                   |
| Degree of protection (IP)                                                        | IP66                 |
| Impact strength                                                                  | IK08                 |
| Luminaire with limited surface temperature, class "D" in acc. with EN 60598-2-24 | No                   |
| Type of wiring                                                                   | Ending               |
| Number of poles                                                                  | 5                    |
| Conductor cross section (mm <sup>2</sup> )                                       | 1.5 mm <sup>2</sup>  |
| Connectable conductor cross section (min) (mm <sup>2</sup> )                     | 1.5 mm <sup>2</sup>  |
| Connectable conductor cross section (max) (mm <sup>2</sup> )                     | 2.5 mm <sup>2</sup>  |
| Connection type                                                                  | Other                |
| Structure                                                                        |                      |
| Lamp type                                                                        | LED not exchangeable |
| Light source included                                                            | Yes                  |
| Suitable for number of lamps                                                     | 1                    |
| Lamp holder                                                                      | Other                |
| Housing material                                                                 | Aluminium            |
| Surface protection                                                               | Powder coating       |
| Housing colour                                                                   | Grey                 |
| Cover material                                                                   | Glass transparent    |
| Solar powered                                                                    | No                   |
| With integrated PV panel                                                         | No                   |
| Built-in battery                                                                 | No                   |
| Suitable for off-grid power system                                               | No                   |
| Control gear included                                                            | Yes                  |
| Exchangeable control gear                                                        | Yes                  |
| Adjustable optics                                                                | No                   |
| Containing product according to 2019/2020/EU                                     | Yes                  |
| Energy efficiency class of light source according to EU regulation 2019/2015     | Not required         |
| With connection cable                                                            | Yes                  |
| Cable length (m)                                                                 | 8 m                  |
| Suitable for top end size (min) (mm)                                             | 48 mm                |
| Suitable for top end size (max) (mm)                                             | 60 mm                |
| Type of connection for sensor/communication module                               | None                 |

| Electrotechnical data                   |                                         |
|-----------------------------------------|-----------------------------------------|
| Voltage type                            | AC                                      |
| Nominal voltage (min) (V)               | 220 V                                   |
| Nominal voltage (max) (V)               | 240 V                                   |
| Nominal current (min) (mA)              | 700 mA                                  |
| Nominal current (max) (mA)              | 700 mA                                  |
| Type of control gear                    | LED operating device current-controlled |
| Protection class according to IEC 61140 | I                                       |
| Suitable for lamp power (min) (W)       | 27 W                                    |
| Suitable for lamp power (max) (W)       | 27 W                                    |
| Maximum system power (W)                | 27 W                                    |
| Luminaire efficacy (lm/W)               | 130 lm/W                                |
| Power factor                            | 0.9                                     |

| Dimming and control                       |      |
|-------------------------------------------|------|
| Dimmable                                  | No   |
| Dimming DALI-2                            | No   |
| Dimming 0-10 V                            | No   |
| Dimming 1-10 V                            | Yes  |
| Dimming DALI                              | No   |
| Dimming D4i                               | No   |
| Dimming DMX                               | No   |
| Dimming DSI                               | No   |
| Dimming potentiometer (integrated)        | No   |
| Dimming LineSwitch                        | No   |
| Dimming manufacturer's proprietary system | No   |
| Dimming mains voltage modulation          | No   |
| Dimming trailing edge                     | No   |
| Dimming leading edge                      | No   |
| Dimming programmable                      | Yes  |
| Dimming RF                                | No   |
| Dimming Sine Wave Reduction               | No   |
| Dimming Touch and Dim                     | No   |
| Dimming Zigbee                            | No   |
| Dimming with push-button                  | No   |
| No dimming function                       | No   |
| Remote control                            | None |
| With wireless control                     | No   |
| Constant luminous flux control            | Yes  |
| With light regulation program control     | Yes  |
| Compatible with Apple HomeKit             | No   |
| Compatible with Google Assistant          | No   |
| Compatible with Amazon Alexa              | No   |
| IFTTT support available                   | No   |
| Zhaga-D4i certified                       | No   |
| Bluetooth operated                        | No   |
| With light sensor                         | No   |
| With movement sensor                      | No   |
| With presence indicator                   | No   |

| Photometric data                                                                |                           |
|---------------------------------------------------------------------------------|---------------------------|
| Light distributor                                                               | Diffuser lens/optic/panel |
| Colour consistency (McAdam ellipse)                                             | SDCM5                     |
| Effective luminous flux (lm)                                                    | 3520 lm                   |
| Rated luminous flux according to IEC 62722-2-1 (min) (lm)                       | 3520 lm                   |
| Rated luminous flux according to IEC 62722-2-1 (max) (lm)                       | 3520 lm                   |
| Colour of light (alphanumeric)                                                  | White                     |
| Colour temperature (min) (K)                                                    | 4000 K                    |
| Colour temperature (max) (K)                                                    | 4000 K                    |
| Colour rendering index (CRI/Ra)                                                 | 70-79                     |
| Lifetime and capacity                                                           |                           |
| Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%) | 90 %                      |
| Lumen maintenance at median useful life of 100,000 hr at 25 °C ambient (tq)     | 80 %                      |
| Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)      | 5 %                       |
| Failure rate at median useful life of 100,000 hrs at 25 °C ambient (tq)         | 10 %                      |
| Rated life time L70/B50 at 25 °C (h)                                            | 100000 h                  |
| Rated ambient temperature acc. IEC62722-2-1 (min) (°C)                          | -40 °C                    |
| Rated ambient temperature acc. IEC62722-2-1 (max) (°C)                          | 55 °C                     |
| Measurements                                                                    |                           |
| Width (mm)                                                                      | 242 mm                    |
| Height/depth (mm)                                                               | 75 mm                     |
| Length (mm)                                                                     | 407 mm                    |