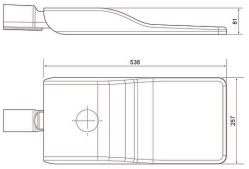
Route

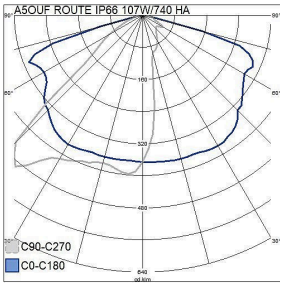
ROUTE M IP66 107W/740 GR



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 107W 4000K 13650lm Dim 1-10 V; Dim programmable; IP66; IK08; Protection cl. I; L70B50 100000h; LED not exchangeable; CRI>70; SDCM5; Cable 10m; Ending; 5x1.5mm²; Housing al; Colour gr; Cover Glass transparent; C16 max. 17



Stocked: No

ROUTE M IP66 107W/740 GR			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
	A5ROUF	6.6	Route

ROUTE M IP66 107W/740 GR

EC000062 Street lighting

Mounting	
Mounting method	Post-top/side-entry
Max. number of luminaires per miniature circuit breaker B16	10
Max. number of luminaires per miniature circuit breaker C16	17
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 (mm²)	1.5 mm²
Connectable conductor cross section (min) (mm²)	1.5 mm²
Connectable conductor cross section (max) (mm²)	2.5 mm²
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)	10 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)	81 W
Suitable for lamp power (max) (W)	81 W
Maximum system power (W)	107 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
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)	13650 lm
Rated luminous flux according to IEC 62722-2- 1 (min) (lm)	13650 lm
Rated luminous flux according to IEC 62722-2- 1 (max) (lm)	13650 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)	257 mm
Height/depth (mm)	81 mm
Length (mm)	536 mm