Atlas



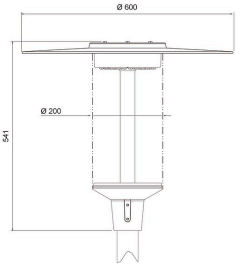
IP65 4000lm 740 PCC GR

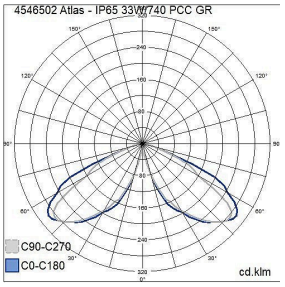
Pole mount. luminaire

Atlas is a classic park luminaire that combines modern lighting technology, high impact resistance, and superior energy efficiency. Light distribution designed for area lighting makes Atlas an ideal solution for a wide range of applications in parks and squares as well as yards and footpaths. The luminaire can be customised to meet your needs. Atlas is made of high-quality durable materials, and it can be directly mounted on a Ø 60 mm post. A glare shield is available as an accessory that allows you to limit the light in the undesired direction. Additionally available as Dali-2, Night Dim and Casambi versions.

Atlas Pole mount. luminaire 33W 4000K 4000lm No dim; IP65; IK10; Protection cl. I; L70B50 100000h; LED not exchangeable; CRI>70; Cable 4.5m; Ending; 3x1mm²; Housing al; Colour gr; Cover Plastic, transparent; C16 max. 22

Stocked: Yes







IP65 4000lm 740 PCC GR			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4546502	4546502	7	Atlas

IP65 4000lm 740 PCC GR

EC000062 Street lighting

Mounting	
Mounting method	Post-top
Max. number of luminaires per miniature circuit breaker B16	13
Max. number of luminaires per miniature circuit breaker C16	22
Degree of protection (IP)	IP65
Impact strength	IK10
Luminaire with limited surface temperature, class "D“ in acc. with EN 60598-2-24	No
Type of wiring	Ending
Number of poles	3
Conductor cross section (mm²)	1 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	Plastic, 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	D
With connection cable	Yes
Cable length (m)	4.5 m
Suitable for top end size (min) (mm)	60 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)	850 mA
Nominal current (max) (mA)	850 mA
Type of control gear	LED operating device current-controlled
Protection class according to IEC 61140	I
Suitable for lamp power (min) (W)	33 W
Suitable for lamp power (max) (W)	33 W
Maximum system power (W)	33 W
Luminaire efficacy (lm/W)	121 lm/W
Power factor	0.9

Dimming and control	
Dimmable	No
Dimming DALI-2	No
Dimming 0-10 V	No
Dimming 1-10 V	No
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	No
Dimming RF	No
Dimming Sine Wave Reduction	No
Dimming Touch and Dim	No
Dimming Zigbee	No
Dimming with push-button	No
No dimming function	Yes
Remote control	None
With wireless control	No
Constant luminous flux control	No
With light regulation program control	No
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)	4000 lm
Rated luminous flux according to IEC 62722-2- 1 (min) (lm)	4000 lm
Rated luminous flux according to IEC 62722-2- 1 (max) (lm)	4000 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) (%)	85 %
Lumen maintenance at median useful life of 100,000 hr at 25 °C ambient (tq)	70 %
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)	-30 °C
Rated ambient temperature acc. IEC62722-2-1 (max) (°C)	35 °C

Measurements	
Width (mm)	600 mm
Height/depth (mm)	541 mm
Length (mm)	600 mm
Diameter (mm)	600 mm