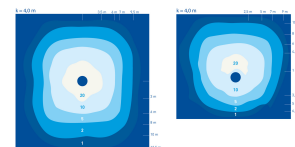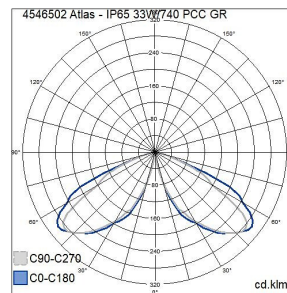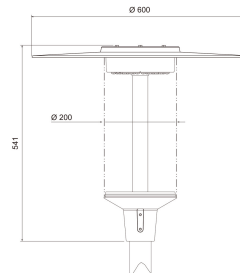# Atlas
IP65 33W/740 PCC GR

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 4500lm 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

IP65 33W/740 PCC GR

PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4546502	A5ATLA	7 kg	Atlas

4546502 Atlas - IP65 33W/740 PCC GR

C90-C270
C0-C180

cd.klm

IP65 33W/740 PCC GR
EC000062

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
Connection type	Other
Quantity of luminaires for MCB C16:	22
Quantity of luminaires for MCB C10:	13
Quantity of luminaires for MCB B16:	13
Quantity of luminaires for MCB B10:	8

Structure

Lamp type	LED not exchangeable
With lamp	Yes
Suitable for number of lamps	1
Lamp holder	Other
Housing material	Aluminium
Housing colour	Grey
Cover material	Plastic, transparent
Control gear included	Yes
Exchangeable control gear	Yes
Energy efficiency class of light source according to EU regulation 2019/2015	D
Adjustable optics	No
Suitable for top end size (min) (mm)	60
Suitable for top end size (max) (mm)	60
With connection cable	Yes
Cable length (m)	4.5

Dimming and control

Dimming 0-10 V	No
Dimming 1-10 V	No
Dimming DALI	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 phase cut-off	No
Dimming phase cut-on	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
Bluetooth operated	No
With light sensor	No

Photometric data

Light distributor	Diffuser lens/optic/panel
Colour consistency (McAdam ellipse)	SDCM5
Effective luminous flux (lm)	4500
Colour of light (alphanumeric)	White
Colour temperature (min) (K)	4000
Colour temperature (max) (K)	4000
Colour rendering index CRI	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
Rated ambient temperature acc. IEC62722-2-1 (min) (°C)	-30
Rated ambient temperature acc. IEC62722-2-1 (max) (°C)	35

Measurements

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

Electrotechnical data

Voltage type	AC
Nominal voltage (min) (V)	220
Nominal voltage (max) (V)	240
Nominal current (min) (mA)	850
Nominal current (max) (mA)	850
Type of control gear	LED operating device current-controlled
Protection class	I
Suitable for lamp power (min) (W)	33
Suitable for lamp power (max) (W)	33
Maximum system power (W)	33
Luminaire efficacy (lm/W)	136
Power factor	0.9