Moon

MOON IP65 45W/840 OP



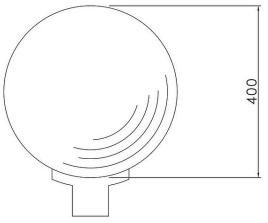
Pole mount. luminaire

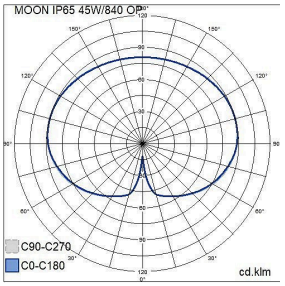
A classic, globular luminaire with an integrated LED for gardens and parks. The luminaire's diffuser is made of high-quality acrylic that does not turn yellow in the sunlight.

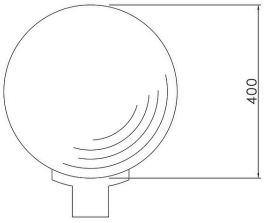
Moon Pole mount. luminaire 45W 4000K 4300lm No dim; IP65; Protection cl. I; L70B50 100000h; LED not exchangeable; CRI>80; SDCM3; Suitable for through wiring; 3x2.5mm²; Housing Plastic; Cover Plastic, opal

Stocked: No

MOON IP65 45W/840 OP			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4513145	4513145	5	Moon







MOON IP65 45W/840 OP

EC000062 Street lighting

Mounting	
Mounting method	Post-top
Max. number of luminaires per miniature circuit breaker B16	20
Max. number of luminaires per miniature circuit breaker C16	33
Degree of protection (IP)	IP65
Luminaire with limited surface temperature, class "D“ in acc. with EN 60598-2-24	No
Type of wiring	Suitable for through wiring
Number of poles	3
Conductor cross section (mm²)	2.5 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	Plastic
Surface protection	Plastic-coated
Cover material	Plastic, opal
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	No
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
Type of control gear	LED operating device current-controlled
Protection class according to IEC 61140	I
Suitable for lamp power (min) (W)	45 W
Suitable for lamp power (max) (W)	45 W
Maximum system power (W)	45 W
Luminaire efficacy (lm/W)	96 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)	SDCM3
Effective luminous flux (lm)	4300 lm
Rated luminous flux according to IEC 62722-2- 1 (min) (lm)	4300 lm
Rated luminous flux according to IEC 62722-2- 1 (max) (lm)	4300 lm
Colour of light (alphanumeric)	White
Colour temperature (min) (K)	4000 K
Colour temperature (max) (K)	4000 K
Colour rendering index (CRI/Ra)	80-89

Lifetime and capacity	
Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	95 %
Lumen maintenance at median useful life of 100,000 hr at 25 °C ambient (tq)	90 %
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)	-20 °C
Rated ambient temperature acc. IEC62722-2-1 (max) (°C)	35 °C

Measurements	
Width (mm)	400 mm
Height/depth (mm)	470 mm
Length (mm)	400 mm
Diameter (mm)	400 mm