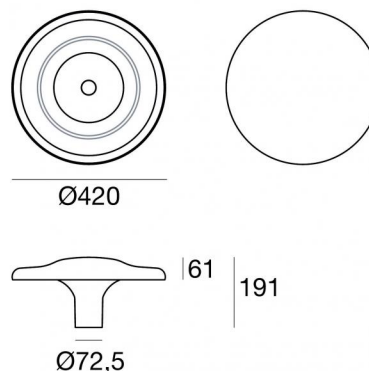


Poller & Mastaufsatzleuchten - Lichtpoller
198-264 V | 216 topLED 63 W DC - 70 W AC | CRI 80
80955W00



Technische Daten	
Typ	Poller & Mastaufsatzleuchten - Lichtpoller
Installationsposition	Mast
Installationsumgebung	Outdoor
Lichtquelle	LED
Circuit structure	topLED
Optik	Diffuses
Light emission direction	downward
Lampe Nennleistung	63 W DC
Gesamtleistung	70 W
Lichtstrom (Lichtquelle)	10303 lm
Nominale Eingangsspannung	220 - 240 V AC
Eingangsspannungsbereich	198 - 264 V AC
Frequency	50 - 60 Hz
Ähnlichste Farbtemperatur / Tone	3000 K
Farbwiedergabeindex	80 Ra
Gleichstrom/Gleichspannung	AC
Isolierklasse	2
IP	IP66
IK	IK08
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Driver
Leuchte dimmbar	Autocontrol - Automatisches Dimmen
Schwenkbarkeit	Nein
Drehbarkeit	Nein
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	1 m
Harzbeschichtung	Nein
Typ Lichtabstrahlung	Einflammig
Oberfläche Seitenwind ausgesetzt	0,03 m²
Oberfläche dem Wind ausgesetzt - Plan	0,14 m²
Nettogewicht	6.3 Kg
Schutz vor elektrostatischen Entladungen	Ja
Schutz vor Stoßspannungen	5 KV

Oberfläche Oberfläche Gehäuse	
Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Anthrazitgrau RAL 7016
Bearbeitungstyp	Pulverbeschichtung mit duroplastischen Pulvern
Oberfläche Oberfläche diffusor	
Material	Gehärtetes Glas
Farbe	sandgestrahltem weiß

Poller & Mastaufsatzleuchten - Lichtpoller | 198-264 V | 216 topLED 63 W DC - 70 W AC |
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Single emission bollard & pole for outdoor application. The warm white LED light source with a diffused light distribution is composed of 216 topLEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 10303 lm, with a 163.5 lm/W nominal luminous efficacy.

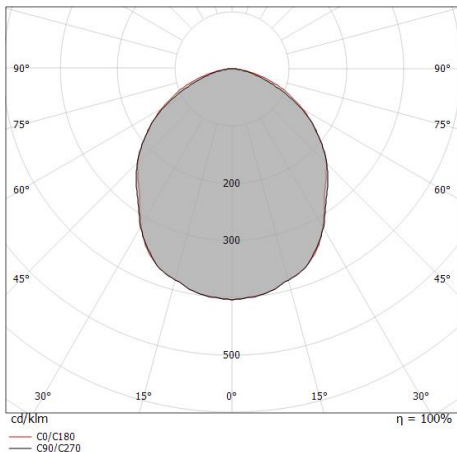
The device body is made of die-cast aluminium en ab - 46100 and features a anthracite gray ral 7016 finish, processed by means of powder coating with thermosetting powders; the diffuser is made of glass - tempered.

The ingress protection degree is IP66; the total weight is of 6.3 kg.

The total absorbed power is 70 W The power supply cable is included and features a 1 m length.

The device features protection class II and can be pole-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.



0.5	1.21	E(0°) E(C0)	50.4°	9866 1279
1.0	2.42	E(0°) E(C0)	50.4°	2466 320
1.5	3.63	E(0°) E(C0)	50.4°	1096 142
2.0	4.84	E(0°) E(C0)	50.4°	617 80
2.5	6.04	E(0°) E(C0)	50.4°	395 51
3.0	7.25	E(0°) E(C0)	50.4°	274 36

Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 100.8°)

Energieeffizienzklasse

Dieses Produkt enthält 2 Lichtquellen der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	59 %
Lichtstrom (Lichtquelle)	10303 lm
Leuchten Lichtstrom	6114 lm
Consumption	70 W
Leuchten Lichtausbeute	87 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	80 Ra
Standardumgebungstemperatur	-20 / +50°C

LED Life / Failure Ratio

L70 B10 C0 494435h (at Tj 65 Ta 25)

L80 B10 C0 310287h (at Tj 65 Ta 25)

L90 B10 C0 147586h (at Tj 65 Ta 25)

UGR

UGR axial	25.4
UGR transversal	26.1
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	101°
Light distribution simmetry	Symmetrical

Autocontrol system



Autonomous lamp post head

The Autocontrol system makes it so that autonomous street lights are able to automatically adjust the luminous flow based on the selected programming depending on the technical lighting needs. The system works in combination with a timer or a twilight switch upstream of the system which determines the daily hours of operation. Generally, the operating time is divided into 5 time slots, proportional in percentage to the duration of the night. This time is stored by the power supply and used to determine the hours of operation in the various time slots of the following day.



Lighting Schedule Customization

Time slots and corresponding light intensity can be customized in agreement with the customer **prior to shipment of the luminaire**. The agreed parameters must be communicated to Linea Light Group, which will program the luminaire according to the requested specifications. **Programming cannot be modified after installation.**

Examples of operation

Dimming varies according to the season of the year and latitude of the location. Below are two examples of operation in periods of the year that differ in number of night hours. With the Autocontrol system, a daily energy savings can be achieved that varies between 20% and 25%.



NOTE: it is not possible to set an exact time within a given time slot