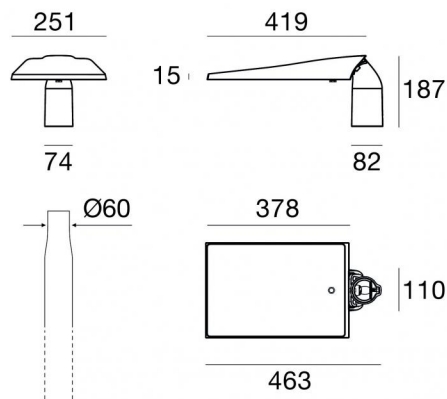


Poller & Mastaufsatzleuchten - Lichtpoller

100-305 V AC /142-431 V DC | 36 x powerLEDs 84 W DC - 90 W AC | CRI 70

84569N73



Technische Daten	
Typ	Poller & Mastaufsatzleuchten - Lichtpoller
Installationsposition	Mast
Installationsumgebung	Outdoor
Lichtquelle	LED
Circuit structure	powerLEDs
Optik	Urban
Light emission direction	downward
Lampe Nennleistung	84 W DC
Gesamtleistung	90 W
Lichtstrom (Lichtquelle)	14400 lm
Nominale Eingangsspannung	220 - 240 V AC
Eingangsspannungsbereich	100 - 305 V AC
Frequency	47 - 63 Hz
Ähnlichste Farbtemperatur / Tone	4000 K
Farbwiedergabeindex	70 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	Orientabile
Gesamtwinkel (vertikale Ebene)	20 °
Gesamtwinkel (horizontale Ebene)	0 °
Drehbarkeit	Nein
Begehrbarkeit	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	0.1 m²
Nettogewicht	3.2 Kg
Schutz vor elektrostatischen Entladungen	Ja

Oberfläche Oberfläche Gehäuse

Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Anthrazitgrau RAL 7016
Bearbeitungstyp	Pulverbeschichtung mit duroplastischen Pulvern

Oberfläche Oberfläche diffusor

Material	Extra-helles Glas
Farbe	transparent
Bearbeitungstyp	Siebdruck

Poller & Mastaufsatzleuchten - Lichtpoller | 100-305 V AC /142-431 V DC | 36 x powerLEDs
84 W DC - 90 W AC | CRI 70
84569N73

Single emission bollard & pole for outdoor application. The natural white LED light source with a urban light distribution is composed of 36 powered LEDs with CCT of 4000 K and a CRI 70; the source luminous flux is 14400 lm, with a 171.4 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 extra clear glass with a silk-screening treatment.

The ingress protection degree is IP66; the total weight is of 3.2 kg.

The total absorbed power is 90 W The power supply cable is included and features a 1 m length.

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

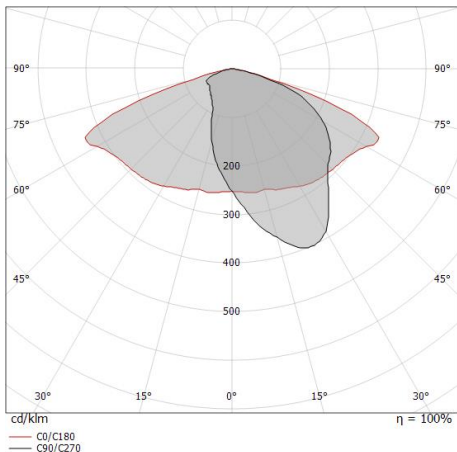
Compliant with the EN 60598-1 standard and its specific provisions.

Energieeffizienzklasse	
Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse B.	

Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	77 %
Lichtstrom (Lichtquelle)	14400 lm
Leuchten Lichtstrom	11102 lm
Consumption	90 W
Leuchten Lichtausbeute	123 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	5 Step MacAdam
Farbwiedergabeindex	70 Ra
Standardumgebungstemperatur	-20 / +50°C

LED Life / Failure Ratio	
L70 B10 C0 361980h (at Tj 60 Ta 25)	

OPTICAL	
Optik C0/C180	144°
Light distribution simmetry	Asymmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	3.10	E(0°) 11196 E(C0) 218
1.0	6.19	E(0°) 2799 E(C0) 54
1.5	9.29	E(0°) 1244 E(C0) 24
2.0	12.38	E(0°) 700 E(C0) 14
2.5	15.48	E(0°) 448 E(C0) 9
3.0	18.58	E(0°) 311 E(C0) 6

Distance [m] Cone diameter [m] Illuminance [lx]
— C0/C180 (Half-peak divergence: 144.2°)

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