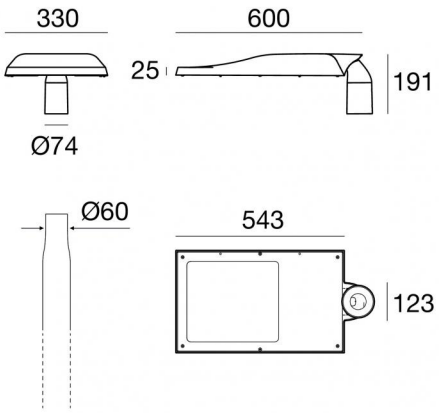
Poller & Mastaufsatzleuchten - Lichtpoller
198-264 V | 48 x powerLEDs 91 W DC - 100 W AC | CRI 80
84508W73







Technische Daten	
Typ	Poller & Mastaufsatzleuchten - Lichtpoller
Installationsposition	Mast
Installationsumgebung	Outdoor
Lichtquelle	LED
Circuit structure	powerLEDs
Optik	Urban
Light emission direction	downward
Lampe Nennleistung	91 W DC
Gesamtleistung	100 W
Lichtstrom (Lichtquelle)	12820 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	1
IP	IP66
IK	IK08
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammbaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Driver
Leuchte dimmbar	Autocontrol - Automatisches Dimmen
Schwenkbarkeit	Orientabile
Gesamtwinkel (vertikale Ebene)	15 °
Gesamtwinkel (horizontale Ebene)	0 °
Drehbarkeit	Nein
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	1 m
Harzbeschichtung	Nein
Typ Lichtabstrahlung	Einflammig
Oberfläche Seitenwind ausgesetzt	0.04 m²
Oberfläche dem Wind ausgesetzt - Plan	0.18 m²
Nettogewicht	8.5 Kg
Schutz vor elektrostatischen Entladungen	Ja
Schutz vor Stoßspannungen	Ja
Technische Merkmale des Produkts	Yes

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

Cables Electrification	
Cable connector	No

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Poller & Mastaufsatzleuchten - Lichtpoller | 198-264 V | 48 x powerLEDs 91 W DC - 100 W AC | CRI 80

84508W73

Single emission bollard & pole for outdoor application. The warm white LED light source with a urban light distribution is composed of 48 powerled LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 12820 lm, with a 140.9 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 8.5 kg.

The total absorbed power is 100 W The power supply cable is included and features a 1 m length.

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

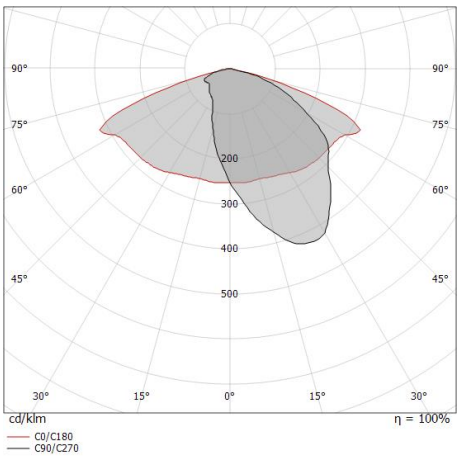
Compliant with the EN 60598-1 standard and its specific provisions.

Energieeffizienzklasse
Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	83 %
Lichtstrom (Lichtquelle)	12820 lm
Leuchten Lichtstrom	10737 lm
Consumption	100 W
Leuchten Lichtausbeute	107 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	1.5 Step
Farbwiedergabeindex	80 Ra
Standardumgebungstemperatur	-20 / +50°C

LED Life / Failure Ratio
L70 B10 C0 1240219h (at Tj 65 Ta 25)
L80 B10 C0 745627h (at Tj 65 Ta 25)
L90 B10 C0 309367h (at Tj 65 Ta 25)

OPTICAL	
Optik C0/C180	145°
Light distribution simmetry	Asymmetrical



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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.



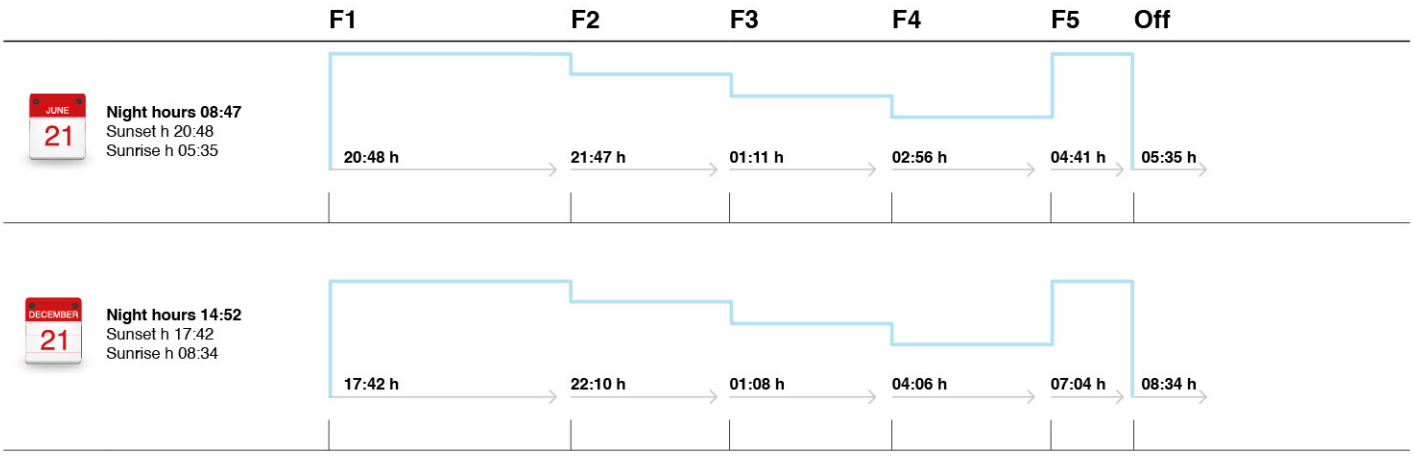
Duration time slot	30% of Night	20% of Night	20% of Night	20% of Night	10% of Night	Off
Power exercised based on the current used	100% = 600mA	80% = 500mA	60% = 380mA	40% = 250mA	100% = 600mA	Off
Variation of the brightness based on the current	100%	84%	65%	46%	100%	Off

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

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