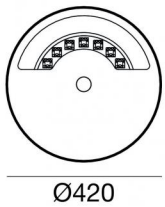
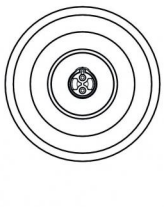
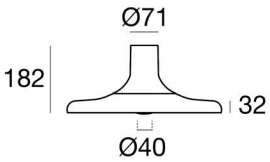
Poller & Mastaufsatzleuchten | 198-264 V
7 x powerLEDs 49 W DC - 54 W AC | CRI 80
**93288N71**












| Technische Daten | |
|---|---|
| Typ | Poller & Mastaufsatzleuchten - Lichtpoller |
| Installationsposition | Mast |
| Installationsumgebung | Outdoor |
| Lichtquelle | LED |
| Circuit structure | powerLEDs |
| Optik | Bike |
| Light emission direction | downward |
| Lampe Nennleistung | 49 W DC |
| Gesamtleistung | 54 W |
| Lichtstrom (Lichtquelle) | 7457 lm |
| Nominale Eingangsspannung | 220 - 240 V AC |
| Eingangsspannungsbereich | 198 - 264 V AC |
| Frequency | 50 - 60 Hz |
| Ähnlichste Farbtemperatur / Tone | 4000 K |
| Farbwiedergabeindex | 80 Ra |
| Gleichstrom/Gleichspannung | AC |
| Isolierklasse | 2 |
| IP | IP66 |
| IK | IK08 |
| Glühdrahtprüfung | 850° |
| Direkte Montage auf normal entflammbaren 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 | Grau |
| Bearbeitungstyp | Pulverbeschichtung mit duroplastischen Pulvern |

| Oberfläche Oberfläche diffusor | |
|---|---|
| Material | Extra-helles Glas |
| Farbe | transparent |
| Bearbeitungstyp | Siebdruck |



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Poller & Mastaufsatzleuchten | 198-264 V | 7 x powerLEDs 49 W DC - 54 W AC | CRI 80
**93288N71**

Single emission bollard & pole for outdoor application. The natural white LED light source with a bike light distribution is composed of 7 powerled LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 7457 lm, with a 152.2 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a grey 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 6.3 kg.

The total absorbed power is 54 W The power supply cable is included and features a 1 m length.

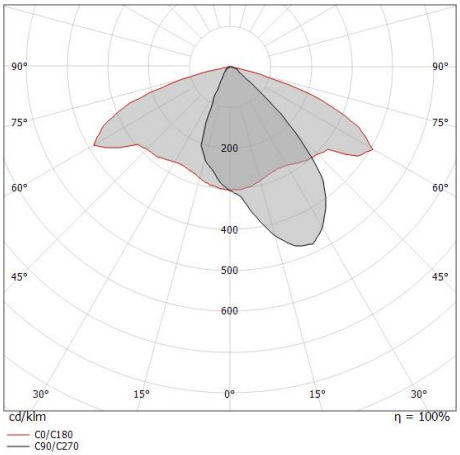
The device features protection class II and can be pole-mounted.

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

| **Energieeffizienzklasse** |
|---|
| Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E. |

| **Illuminotechnical Eigenschaften** | |
|---|---|
| Light Output Ratio (LOR) | 65 % |
| Lichtstrom (Lichtquelle) | 7457 lm |
| Leuchten Lichtstrom | 4884 lm |
| Consumption | 54 W |
| Leuchten Lichtausbeute | 90 lm/W |
| Farbtemperatur | 4000 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex | 80 Ra |
| Standardumgebungstemperatur | -20 / +50°C |

| **LED Life / Failure Ratio** |
|---|
| L70 B10 C0 363000h (at Tj 65  Ta 25 ) |
| L80 B10 C0 237566h (at Tj 65  Ta 25 ) |
| L90 B10 C0 151000h (at Tj 65  Ta 25 ) |






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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.



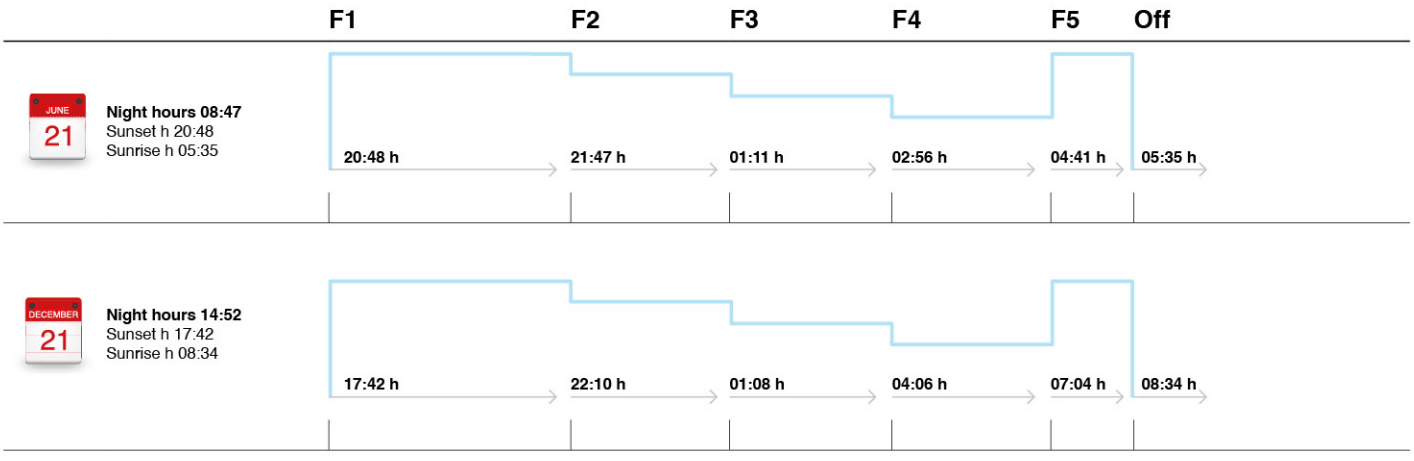

| | | | | | | |
|---|---|---|---|---|---|---|
| **Duration time slot** | 30% of Night | 20% of Night | 20% of Night | 20% of Night | 10% of Night | Off |
| **Power exercised based on the current used** | 100% = 600mA | 80% = 500mA | 60% = 380mA | 40% = 250mA | 100% = 600mA | Off |
| **Variation of the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