

Wandleuchten | 198-264 V | 36 x powerLEDs 63 W DC - 66 W AC | CRI 80
84501W72

Single emission wall lights for outdoor application. The warm white LED light source with a street light distribution is composed of 36 powered LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 8964 lm, with a 142.3 lm/W nominal luminous efficacy.

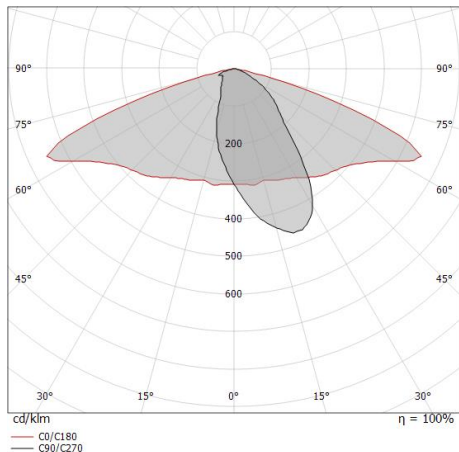
The device body is made of die-cast aluminium en ab - 46100 and features a grey finish, processed by means of powder coating with thermosetting powders; the diffuser is made of extra clear glass with a silk-screening treatment.

The ingress protection degree is IP66; the total weight is of 3.5 kg.

The total absorbed power is 66 W The power supply cable is included and features a 1 m length.

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

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



0.5	3.10	E(0°) E(C0)	72.1°	8667 228
1.0	6.19	E(0°) E(C0)	72.1°	2167 57
1.5	9.29	E(0°) E(C0)	72.1°	963 25
2.0	12.38	E(0°) E(C0)	72.1°	542 14
2.5	15.48	E(0°) E(C0)	72.1°	347 9
3.0	18.58	E(0°) E(C0)	72.1°	241 6

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

— C0/C180 (Half-peak divergence: 144.2°)

Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	78 %
Lichtstrom (Lichtquelle)	8964 lm
Leuchten Lichtstrom	7027 lm
Consumption	66 W
Leuchten Lichtausbeute	106 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

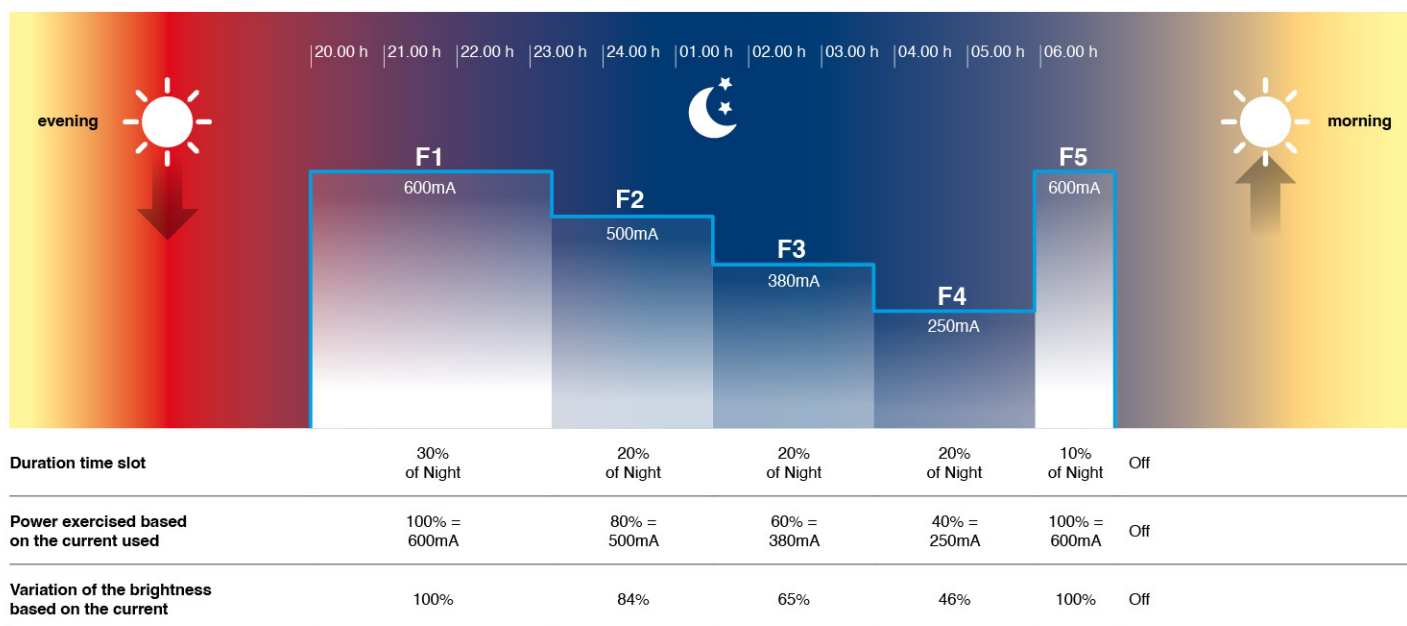
Optik C0/C180	144°
Light distribution simmetry	Asymmetrical

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.

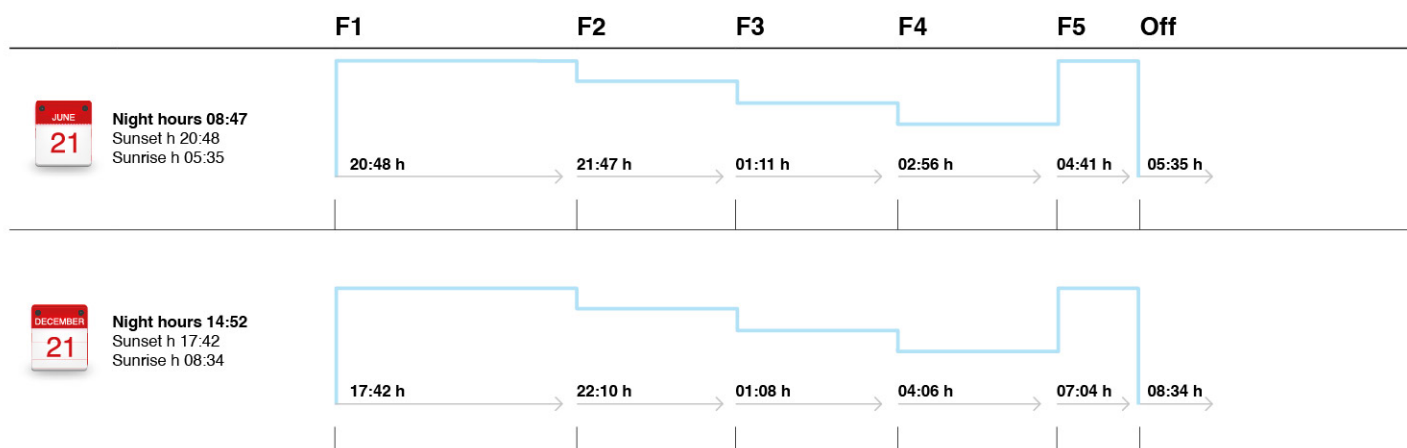


Lighting Schedule Customization

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