

Technical datasheet
POS-S-730-1-C13299





LED

220-240V
50-60 Hz

IP66

CE

CCT
3000 k

CRI
70+

CLO

Product technical data

Mains voltage	220 - 240V AC, 50/60Hz
Connection method	Screw terminal
Dimming type	Non-dimmable
Product description	66
Protection class	I
Ambient temperature	-40 to +50 °C
Light source	LED
Colour temperature	3000k
Color rendering index	70
Rated luminous flux	7,348 lm
Connected load	54.15 W
Luminous efficacy	135.7 lm/W

Ripple	3 %
Inrush current	85 A
Inrush time	256 µs
Optical system	Lenses
Optical part material	Hardened glass
Housing material	Die-cast aluminium
Surface finish	Powder coated
Width	240.00 cm
Height	109.00 cm
Length	613.00 cm
Weight	5.10 kg
Service lifetime (L80 B10)	>100 000 h
Warranty	7 years

Dimensions



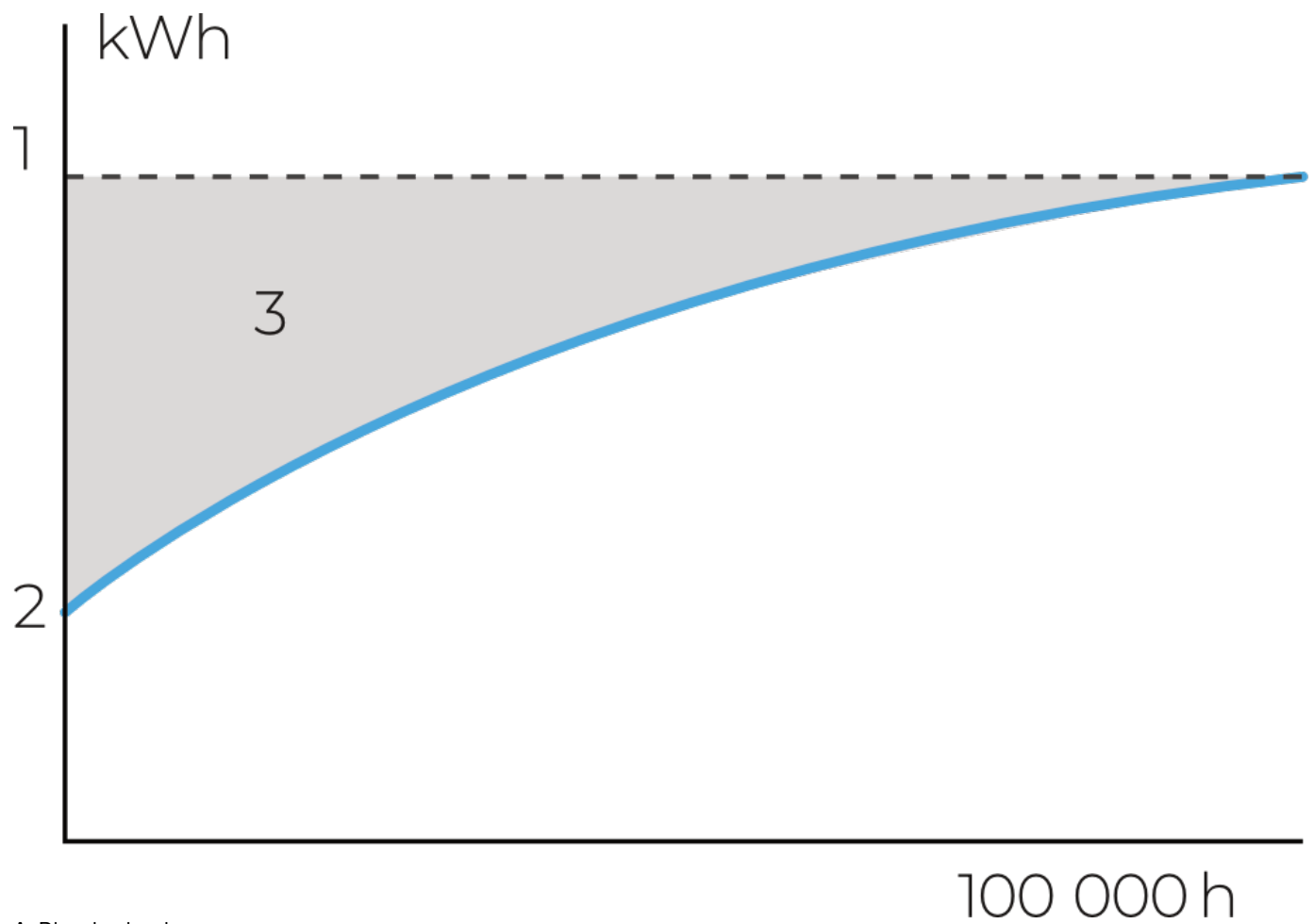
Light distribution



Constant Light Output (CLO)

This system compensates for the depreciation of luminous flux to avoid excess lighting at the beginning of the installation's service life. Luminous depreciation over time must be taken into account to ensure a predefined lighting level during the luminaire's useful life.

Without a CLO feature, this simply means increasing the initial power upon installation in order to make up for luminous depreciation. By precisely controlling the luminous flux, the energy needed to reach the required level can be maintained throughout the luminaire's life.

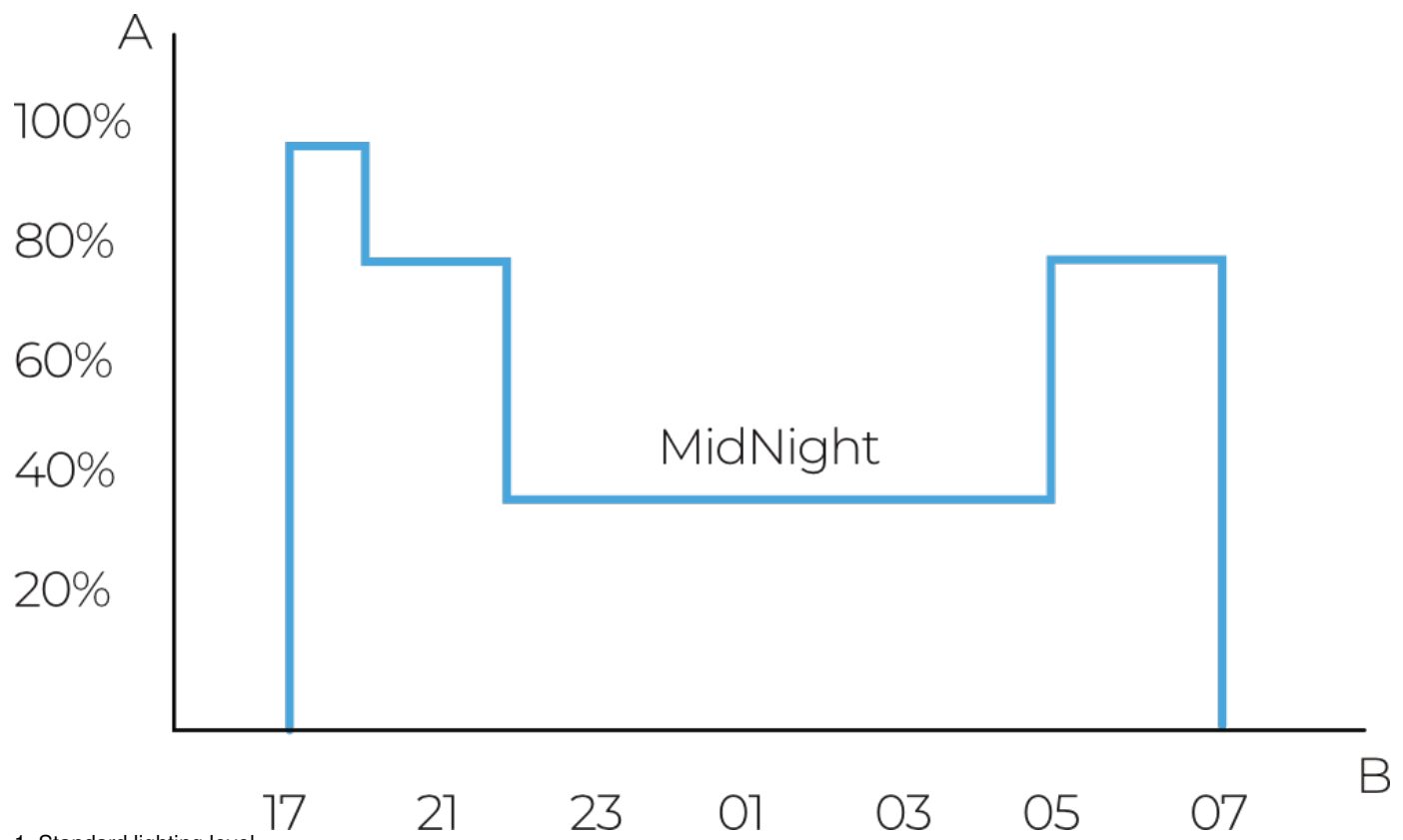


A. Dimming level
B. Time
MidNight function

The MidNight function feature allows an autonomous dimming without the need for an additional control line. The output levels can be set to 0% (OFF) or between 10% and 100% in steps of 1%

Time-based: The dimming profile defined in the reference schedule is referenced to the switchon time of the LED driver.

Astro-based: The dimming profile defined in the reference schedule is referenced to the annual average middle of the night, which is calculated based on the theoretical sunrise and sunset times.



1. Standard lighting level
2. LED lighting consumption with CLO
3. Energy savings