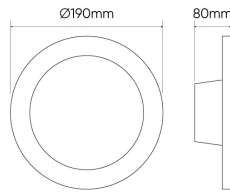


LED line PRIME Downlight CALMOS 18W 4000K 2100lm IP44



The CALMOS downlight fixtures are the perfect choice for those who value aesthetics on par with light efficiency. CALMOS fixtures are equipped with powerful LED diodes that deliver 116 lm/W, resulting in a substantial luminous flux of 2100lm from the 18W fixture and 2800lm from the 24W fixture. Importantly, the stated values take into account the actual flux from the fixture, considering the frosted shade. Thus, compared to competitive offers, CALMOS downlight fixtures stand out in efficiency and high lighting quality.

Another advantage of the CALMOS fixtures are their good technical parameters. The fixture itself is made of high-quality materials, and the LED diodes and power supply come from renowned manufacturers. This ensures a high lifespan of the fixture, which stands at L70B50 - 50,000 hours and 50,000 on/off cycles.



Yellow free technology means that the housing of this product is made of high quality material which is resistant to yellowing degeneration caused by UV radiation, thanks to which the product maintains its aesthetic appearance for many years.



Reliable photometric files are available based on photometric tests performed at the LED line® Light Research and Measurement Centre.



FLICKER FREE™ system guarantees no harmful flickering effect and ensures safety for users' eyesight.



Manufacturer issues a 5-year warranty for this product.



Lamp's diameter



Beam angle



Voltage range and voltage type



Ambient temperature suitable for operation



IEC protection class



IK protection rating



LED type



Lifespan



Mounting hole diameter



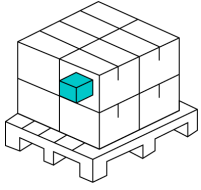
LED quantity

Parameter	Value
Luminous efficacy	116 lm/W
Power	18 W
Colour of the light	White
Energy efficiency class 2019/2015	E
Luminous flux	2100 lm
Correlated colour temperature	4000 K
Colour consistency in McAdam ellipses	≤6
IP protection rating	44
Warranty (years)	5
Survival factor	0.9
Lifetime L70B50	50 000
Weight	296 g
Supply voltage range and voltage type	220-240 VAC
Frequency of the supply voltage	50/60Hz

Parameter	Value
The lumen maintenance factor	96 %
Lamp's diameter	190
Beam angle	110 °
Material (cover)	polycarbonate
Material (housing)	aluminum
LED type	SMD LED
LED quantity	54
Colour consistency in McAdam ellipses	≤6
Ambient temperature suitable for operation	25+45 °C
Installation method	recessed
Mounting hole diameter	220-240V AC mm
For indoor use	Inside
IEC protection class	II
IK protection rating	04

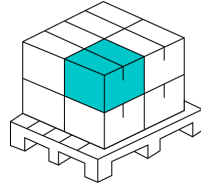
Colour rendering index Ra	80	Lamp's warm-up time to 60%	1
Colour	White	Height	80 mm

Single packaging



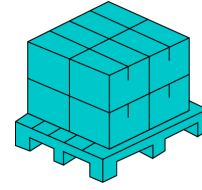
Width 195 mm
Height 84 mm
Length 195 mm
Weight 0,3 kg

Bulk packaging



Number of pieces/tape in meters pack 20 szt.
Width 420 mm
Height of collective packaging 450 mm
Length 410 mm
Weight 6,35 kg
Volume 0,077 m³

Europallet



Quantity collective euro pallet 160 szt.
Weight of a euro pallet 50,8 kg
Pallet height 1800 mm
Quantity in 1 layer 40 szt.
Number of layers 4