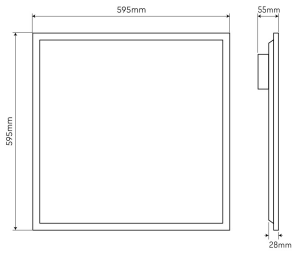
Product code: 200180 EAN: 5905378200180

LED line PRIME Panel Backlit 40W 4000K 4800lm 595x595



Product description

The Backlit series LED line PRIME panel is a fixture featuring high quality of manufacture and very high luminous flux, which provides comfortable illumination of a specified area. The fixture has a backlit design, which means that LEDs are placed at the back of the body, providing a high and even luminous flux. The use of high-performance SMD 2835 LEDs provides luminous efficiency of 120 lm/W, which means that the fixture draws 40W of power to deliver luminous flux of up to 4800 lm. A robustly made housing ensures high bending and deformation resistance. A very long life of 70,000 hours, as described with the L70B50 parameter, was achieved thanks to high quality light sources and power adapter. This allows us to grant a 5-year warranty.

YELLOW FREE™

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 easthetic appearance for many years.

flicker free

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

5-year warranty

Manufacturer issues a 5-year warranty for this product.

*.IES

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

120lm/W

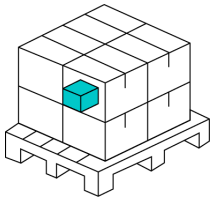
The item achieves luminous efficacy at 120lm/W or more.

IP20	IP protection rating
voltage 220-240V AC	Voltage range and voltage type
polystyrene	Material (cover)
SMD LED 2835	LED type
PF 0,9	Power Factor
MAX -25 ÷ 45	Ambient temperature suitable for operation
IK 06	IK protection rating
75000 h L70B50	Lifespan
120 °	Beam angle
Aluminium	Material (housing)
48	LED quantity
ON OFF 25000	Number of on/off cycles
II	IEC protection class

Name of the parameter	Value
Correlated colour temperature	4000 K
Wattage	40 W
Luminous efficacy	120 lm/W
Luminous flux	4800 lm
Energy efficiency class 2019/2015	E
Colour consistency in McAdam ellipses	≤3
IP protection rating	20
Warranty (years)	5
Dimmable function	No
Survival factor	0.9
Stroboscopic effect metric SVM	0.4
Lifetime L70B50	75000
Flicker Free	YES
Supply voltage range and voltage type	220-240V AC
Frequency of the supply voltage	50/60Hz
Colour rendering index Ra	80
Colour	white
The lumen maintenance factor	96
Beam angle	120 °
Material (cover)	polystyrene
Material (housing)	Aluminium
LED type	SMD LED 2835
LED quantity	48
Power Factor	0,9
Number of on/off cycles	25000
Colour consistency in McAdam ellipses	≤3
Ambient temperature suitable for operation	`-25 ÷ 45 °C

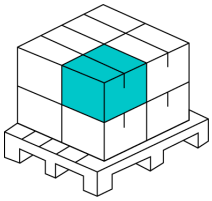
Name of the parameter	Value
IEC protection class	II
IK protection rating	06
Lamp's warm-up time to 60%	1
Height	28 mm
EPREL ID	1412207
Date of first placement on the market	2023-02-20
Flicker metric PstLM	1
Energy class	A+
Displacement factor Df	0.9
Angle for useful luminous flux (EPREL)	Sphere 360 degrees
Is the product equipped with an integrated light source? (EPREL)	No
Non-directional or directional light source (EPREL)	NDLS
Is this product a light source? (EPREL)	Yes
Mains or non- mains light source (EPREL)	MLS
Chromaticity coordinates x i y (EPREL)	0.378|0.378
Connected light source (EPREL)	No
Colour-tuneable light source (EPREL)	No
Peak luminous intensity (EPREL)	1658 cd
R9 colour rendering index value (EPREL)	36
Total luminous flux (EPREL)	4800
On-mode power Pon (EPREL)	40
Useful luminous flux Φuse (EPREL)	4800
Beam angle in degrees (EPREL)	120

Pre-packaging



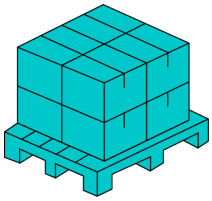
Type	**Shipping carton**
Width [mm]	**655**
Height [mm]	**38**
Length [mm]	**624**
Weight [kg]	**2.5**

Cumulative packaging



Number of pieces	**6**
Width [mm]	**665**
Height [mm]	**230**
Length [mm]	**635**
Weight [kg]	**13**
Volume [m3]	**0,097**
Type of carton box	**Cardboard**

Europallet



Number of pieces	**96**
Bulk quantity	**16**
Weight [kg]	**183**
Weight [kg]	**183**
Pallet height [mm]	**1484**
Quantity in 1 layer	**48**
Number of layers	**2**