Product code: 478481   EAN: 5907777478481

LED line® Panel 2in1 30W 4000K 3600lm square

Product description

LED line® Panel 2in1 was developed with convenience and comfort in mind for users who value functionality and aesthetics – the panel is only 16 mm thick, making it viable for flush and surface mounting without the need for additional frame. The fixture is perfect for offices, schools or commercial spaces.

Three key product features:

- twice the savings - 120 lm/W efficiency + express surface mounting
- 5-year warranty, power: 30W, CCT: correlated colour temperature: 4000K
- hybrid mounting: in suspended ceiling systems or on surfaces
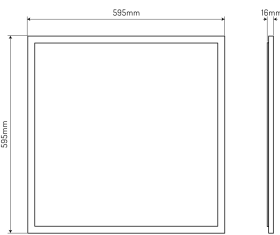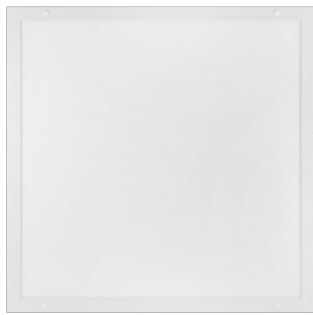
YELLOW FREE™	Yellow free technology means that the housing of this product is made of high quality material which is resistant to yellowing degeneration caused by UV radiation, thanks to which the product maintains its easthetic appearance for many years.	5-year warranty	Manufacturer issues a 5-year warranty for this product.
2in1 flush and surface		flicker free	FLICKER FREE™ system guarantees no harmful flickering effect and ensures safety for users' eyesight.
120 lm / W		IP20	IP protection rating
50000 h L70B50	Lifespan	voltage 220-240V AC	Voltage range and voltage type
120 °	Beam angle	PMMA LGP	LGP
polycarbonate	Material (cover)	aluminum	Material (housing)
JUFEI 4014	LED type	196	LED quantity
PF 0,9	Power Factor	ON OFF 20000	Number of on/off cycles
MAX -20 ÷ 45	Ambient temperature suitable for operation	II	IEC protection class
IK 02	IK protection rating		

Name of the parameter	Value
Colour of the light	White
Correlated colour temperature	4000 K
Wattage	30 W
Luminous efficacy	120 lm/W
Luminous flux	3600 lm
Energy efficiency class 2019/2015	E
Colour consistency in McAdam ellipses	≤6
IP protection rating	20
Warranty (years)	5
Dimmable function	No
Survival factor	0.9
Stroboscopic effect metric SVM	0.4
Lifetime L70B50	50000
Working current	0,1449 mA
Dimmable	NO
Flicker Free	YES
UGR rating	UGR<22
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 °
LGP	PMMA
Material (cover)	polycarbonate
Material (housing)	aluminum
Painting technique	Powder coated
LED type	JUFEI 4014
LED quantity	196
Lifespan	50000
Power Factor	0,9
Number of on/off cycles	20000

Name of the parameter	Value
Colour consistency in McAdam ellipses	≤6
Ambient temperature suitable for operation	`-20 ÷ 45 °C
Installation method	2in1 recessed and surface
For indoor use	YES
IEC protection class	II
IK protection rating	02
Full box quantity	8 pc
Lamp's warm-up time to 60%	1
Length	595 mm
Width	595 mm
Height	16 mm
Product weight with packaging (g)	2450 g
Master carton weight (kg)	21
EPREL ID	1116349
Date of first placement on the market	01.04.2022
Flicker metric PstLM	1
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
Networked standby power Pnet (EPREL)	30
Chromaticity coordinates x i y (EPREL)	0,38|0,377
Colour-tuneable light source (EPREL)	No
R9 colour rendering index value (EPREL)	6
Total luminous flux (EPREL)	3600
On-mode power Pon (EPREL)	30
Useful luminous flux Φuse (EPREL)	3600
Beam angle in degrees (EPREL)	120
Product code	478481
GPC classification	10005639 - Lighting - permanently mounted
Status	Active (on sale)
Net content of the product	1
GS1 unit	szt

Luminous [cd/klm]
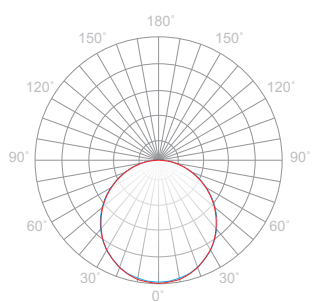
C0 - C180   C90 - C270

Pre-packaging

Type	**Shipping carton**
Width [mm]	**25**
Height [mm]	**640**
Length [mm]	**635**
Weight [kg]	**2,45**

Cumulative packaging
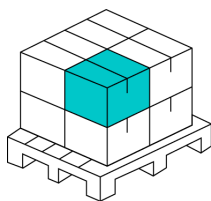
Number of pieces	**8**
Width [mm]	**225**
Height [mm]	**665**
Length [mm]	**660**
Weight [kg]	**21**
Volume [m3]	**0,0987**
Type of carton box	**Cardboard**

Europallet

Number of pieces	**80**
Bulk quantity	**10**
Weight [kg]	**210**
Weight [kg]	**210**
Pallet height [mm]	**1330**
Quantity in 1 layer	**5**
Number of layers	**2**