

Product code: 248849 EAN: 5901583248849

## LED line® Panel Easy Fix 24W 4000K 2300lm round



### Product description

Mounting clips can be moved along the mounting bracket allowing the product to fit into most existing mounting holes. Manufacturer issues a 3-year warranty for this product. Possible installation methods: recessed and surface. The installation method can be adjusted to the individual's needs. FLICKER FREE™ system guarantees no harmful flickering effect and ensures safety for users' eyesight. 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. Reliable photometric files are available based on photometric tests performed at the LED line® Light Research and Measurement Centre.



Mounting clips can be moved along the mounting bracket allowing the product to fit into most existing mounting holes.



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



Possible installation methods: recessed and surface. The installation method can be adjusted to the individual's needs.



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.



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



Manufacturer issues a 3-year warranty for this product.



Voltage range and voltage type



IP protection rating



Material (cover)



LED type



Lifespan



Number of on/off cycles



IEC protection class



Mounting hole diameter



Beam angle



LGP



Material (housing)



LED quantity



Power Factor



Lamp's diameter

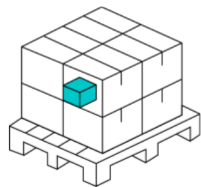


Ambient temperature suitable for operation

Name of the parameter	Value
Correlated colour temperature	4000 K
Colour of the light	White
Luminous efficacy	96 lm/W
Colour rendering index Ra	80
Energy class	A++
Colour	white
Lamp's warm-up time to 60%	1
The lumen maintenance factor	96
Product weight with packaging (g)	>0,7 g
Full box quantity	10 pc
Master carton weight (kg)	9,3
Supply voltage range and voltage type	220-260 AC
Beam angle	120 °
IP protection rating	20
LGP	PMMA
Material (cover)	polystyrene
Material (housing)	Polyamid
LED type	SMD2835
LED quantity	112
Lifespan	30000
Power Factor	0,7
Number of on/off cycles	50000
Lamp's diameter	290
Height	13 mm
IEC protection class	II
Ambient temperature suitable for operation	-5/+40 °C
Frequency of the supply voltage	50/60Hz
For indoor use	YES
Warranty (years)	3
Flicker Free	YES
Luminous flux	2300 lm
Wattage	24 W

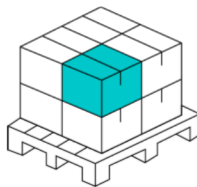
Name of the parameter	Value
EPREL ID	632207
Date of first placement on the market	2019-03-01
Angle for useful luminous flux (EPREL)	Sphere 360 degrees
Is the product equipped with an integrated light source? (EPREL)	Yes
Total luminous flux (EPREL)	2760
Is this product a light source? (EPREL)	No
Beam angle in degrees (EPREL)	120
On-mode power P <sub>on</sub> (EPREL)	24
Lifetime L70B50	30000
Connected light source (EPREL)	No
Useful luminous flux Φ <sub>use</sub> (EPREL)	2760
Non-directional or directional light source (EPREL)	NDLS
Mains or non- mains light source (EPREL)	MLS
Colour-tuneable light source (EPREL)	No
Chromaticity coordinates x i y (EPREL)	0.38 0.377
Dimmable function	No
RG colour rendering index value (EPREL)	18
Survival factor	0,9
Colour consistency in McAdam ellipses	±6
Flicker metric P <sub>s</sub> LM	1
Stroboscopic effect metric SVM	0,4
Form of the product (EPREL)	Source Out
Energy efficiency class 2019/2015	E
Colour consistency in McAdam ellipses	±6
Displacement factor D <sub>f</sub>	0,7
Mounting hole diameter	60-260 mm

## Pre-packaging



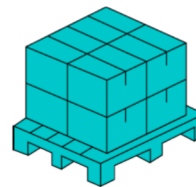
Width [mm]	<b>297</b>
Height [mm]	<b>307</b>
Length [mm]	<b>40</b>
Weight [kg]	<b>0,63</b>

## Cumulative packaging



Number of pieces	<b>10</b>
Width [mm]	<b>320</b>
Height [mm]	<b>430</b>
Length [mm]	<b>315</b>
Weight [kg]	<b>9,6</b>
Volume [m3]	<b>0,043344</b>

## Europallet



Number of pieces	<b>180</b>
Bulk quantity	<b>18</b>
Weight [kg]	<b>172,8</b>
Weight [kg]	<b>172,8</b>
Pallet height [mm]	<b>1434</b>
Quantity in 1 layer	<b>6</b>
Number of layers	<b>3</b>