

Product code: 248764 EAN: 5901583248764

LED line® panel round 40W 3200lm 4000K

Product description

LED Line® Panels (round) and its 5 unique features

LED Line® Panels is the answer to your needs where ergonomics and comfort plays a vital role.

1. LED Line® Panels will fit into all kinds of interiors

A large, round LED Line® Panel with a 595mm diameter driver is a new addition to the brand's portfolio. The product comes with a mounting kit and is dedicated for surface or flush mounting.

- Steel wire cables (separate accessories, item symbol: 245701) allow mounting height adjustment. Thanks to this solution you can achieve a perfect designer effect.
- Alternatively you can create a bright, aesthetic and functional space by fitting the Panel inside the ceiling (flush mount).

The product will be ideal for domestic lighting applications (living rooms, dining rooms, bedroom, hallways) as well as commercial lighting (offices, restaurants, hotels or banquet halls).

2. By choosing LED Line® Panel, you choose optimal eye comfort

With LED Line® Panels you get optimal eye comfort and care. No flickering effect will ensure perfect well-being and will keep you focused whilst at work or while studying.

3. Enjoy the pleasant light of the highest quality

The latest LED Line® LED technology guarantees the highest lighting parameters. A wide beam angle of 120° ensures even light distribution and the high colour rendering index of $RA \geq 80$ will enhance the natural colours of your home, bringing the colours of your home to life. The use of high quality LEDs will ensure longevity and reliable operation for 30 000 hours! With high lighting parameters, our Panels generate a minimal amount of heat and thus are completely safe for ceilings. Excellent thermal parameters in conjunction with a supplied professional driver is a guarantee of long and reliable operation.

4. Choose the right colour temperature for your needs

To create perfect, energetic and efficient working environment, choose the 4000K daylight colour. If you wish to set a relaxing, stress relieving atmosphere and wish to enjoy the warmth of your light, you should choose the 2700K colour. Our LED Line® Panels come with two colour temperatures: daylight (4000K) and warm white (2700K).

5. Reduce your costs

The 40W (3200lm) LED Line® Panels is the solution for those who care about their budget. This LED lighting fixture consumes 85% less energy compared to traditional light sources. The financial benefits are obvious and self-evident!



The product is available in large size.



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



Manufacturer issues a 3-year warranty for this product.



Voltage range and voltage type



IP protection rating



LGP



LED type



Lifespan



Number of on/off cycles



IEC protection class



Installation method



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 esthetic appearance for many years.



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



This product has been contrued with the use of high quality LIFUD branded driver.



Beam angle



IK protection rating



Material (housing)



LED quantity



Power Factor



Lamp's diameter

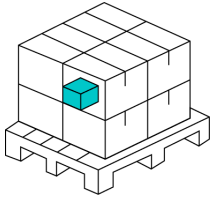


Ambient temperature suitable for operation

Name of the parameter	Value
Correlated colour temperature	4000 K
Colour of the light	White
Luminous efficacy	80 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	5 pc
Master carton weight (kg)	21
Supply voltage range and voltage type	200-260 AC
Beam angle	120 °
IP protection rating	42
IK protection rating	05
LGP	PMMA
Material (housing)	Aluminium
LED type	SMD4014
LED quantity	240
Lifespan	50000
Power Factor	0.95
Number of on/off cycles	50000
Lamp's diameter	600
Height	40 mm
IEC protection class	II
Ambient temperature suitable for operation	-5/+40 °C
Frequency of the supply voltage	50/60Hz
Installation method	surface
For indoor use	YES
Warranty (years)	3
Flicker Free	YES

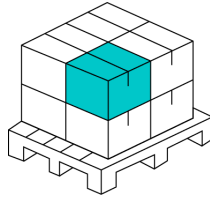
Name of the parameter	Value
Luminous flux	3200 lm
Wattage	40 W
EPREL ID	632199
Date of first placement on the market	2019-08-01
Angle for useful luminous flux (EPREL)	Sphere 360 degrees
Is the product equipped with an integrated light source? (EPREL)	Yes
Total luminous flux (EPREL)	4500
Is this product a light source? (EPREL)	Yes
Beam angle in degrees (EPREL)	120
On-mode power P _{on} (EPREL)	40
Networked standby power P _{net} (EPREL)	0
Lifetime L70B50	30000
Connected light source (EPREL)	No
Useful luminous flux Φ _{use} (EPREL)	4500
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
Peak luminous intensity (EPREL)	— cd
R9 colour rendering index value (EPREL)	-3
Survival factor	0.9
Colour consistency in McAdam ellipses	≤6
Flicker metric P _{sTLM}	1
Standby power P _{sb}	0
Stroboscopic effect metric SVM	0.4
Form of the product (EPREL)	Source Out
Energy efficiency class 2019/2015	E
Minimum purchase quantity	—
Colour consistency in McAdam ellipses	≤6
Displacement factor D _f	0.95

Pre-packaging



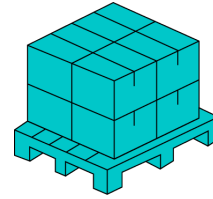
Width [mm]	670
Height [mm]	37
Length [mm]	640
Weight [kg]	0,5

Cumulative packaging



Number of pieces	5
Width [mm]	685
Height [mm]	260
Length [mm]	655
Weight [kg]	3,7
Volume [m3]	0,1166555

Europallet



Number of pieces	40
Bulk quantity	8
Weight [kg]	184,4
Weight [kg]	184,4
Pallet height [mm]	1704
Quantity in 1 layer	6
Number of layers	6