

TECHNICAL CARD



LED Linear Light



Pursuant to the provisions of the WEEE Act, it is forbidden to put waste equipment marked with the symbol of a crossed out bin together with other waste. The user, wishing to get rid of electronic and electrical equipment, is obliged to return it to a waste equipment collection point. There are no hazardous components in the equipment that have a particularly negative impact on the environment and human health.

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WARRANTY 2 YEARS



General parameters

Light source or containing product	Light source
Control gear replaceable	-
Light source replaceable	no

Type of light source

Energy class of the light source	E
Dimmable	no
Directional (DLS) or non-directional (NDLS) light source	NDLS
Mains (MLS) or non-mains (NMLS) light source	MLS
Connected light source (cls)	no
Color-tunable light source	no
High luminance light source	No
Anti-glare shield	No
Technology	LED

Electrical parameters

On-mode power (Pon)	45 W, 40 W, 35 W
Rated voltage, frequency	AC 220-240 V, 50/60 Hz
Displacement factor (cos φ1)	0.9
Rated current	217 mA
Input interface	Terminal block
Electric shock protection class	II
Energy consumption in on-mode of the light source (kWh/1000h)	45
Survival factor	0.9

Photometric parameters

Useful luminous flux (Φuse)	5400 Lm
Correlated color temperature	6500K (cold white), 5000K (neutral white), 4000K (neutral white)
Beam angle	120°
Color rendering index (CRI)	Ra > 80
Lifetime (L70B50)	20000 h
On/Off cycles	15000
Useful luminous flux of the light source reference	in a sphere (360°)
Chromaticity coordinates (x)	0.38
Chromaticity coordinates (y)	0.38
R9 colour rendering index value	1
The lumen maintenance factor	≥94.8%

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Colour consistency in MacAdam ellipses (SDCM)	<6 (4000K), <6 (5000K), <6 (6500K)
Flicker metric (Pst LM)	≤1
Stroboscopic effect metric (SVM)	≤0.4
CRI Min	Ra 80
CRI Max	Ra 88

Additional information

Place of installation	Ceiling, Wall
Place of application	indoor
Housing colour	White
Maximum connection capacity	500 W
Diffuser material	Polycarbonate (PC)
Ultraviolet radiation	no
Operating temperature range	-20° +40°C
Minimum distance from the illuminated object	0.5 m
Suitable for installation in normally flammable surfaces	yes
Mercury content	Does not contain
Ingress protection	IP20
Housing material	PC

Dimensions

EAN	4823135400707
Height	27 mm
Width	1480 mm
Depth	69 mm

In the package	1 pc.
Outer box	20 pcs.
Unit nett weight	370g

Signs marking goods
Packaging marking

Recycling of
waste, CE,
Utilization





We reserve the right to make technical changes. The data contained in this material is not legally binding.

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VIDEX-LED-BN02-45W-CCT

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The product must be used indoors



Class of protection against electric shock II - provided not only by basic insulation but also by double or reinforced insulation



Minimum distance from the illuminated object



The product can be installed and used in/on normally flammable surfaces



Waste recycling after the end of the product's service life



The product meets the requirements of EU directives



It is forbidden to throw away waste equipment marked with the symbol of a crossed-out bin with other waste



Rated beam angle



Ra > 80 – color rendering index



Nominal lifetime (hours)



The product does not emit ultraviolet light



Operating temperatures range



The product is incompatible with light regulators



Colour consistency in MacAdam ellipses (SDCM)



Colour consistency in MacAdam ellipses (SDCM)



Colour consistency in MacAdam ellipses (SDCM)



The flickering of the light does not exceed the permissible level



The product has minimal flickering, which should not cause discomfort or danger



The product does not contain mercury



Class of protection against dust and moisture. Protection against solid objects larger than 12 mm; no protection against moisture