

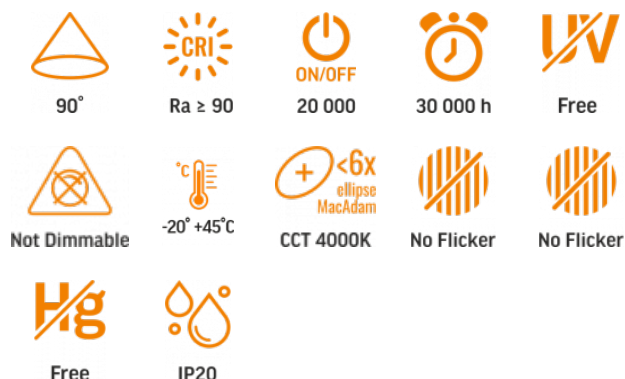
TECHNICAL CARD



LED Light for Magnetic slim track light system



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.

INDEX: VL-TRMS-LD16B

WARRANTY 3 YEARS


Neutral White / Neutralny biały / Neutralni bila / Blanc neuter / Neutrálna biela / Neutraal wit / Semleges feher / Nevtralno bela / Neutrnalno bijela / Neutralweiß / Alb neutru / Neutrnalus balta / Neitrāls balta / Neutraalne valge / Нейтрално бяла / Bianco neutro.

General parameters

Light source or containing product	Light source
Light source replaceable	no

Type of light source

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

Anti-glare shield	No
Technology	LED

Electrical parameters

On-mode power (Pon)	11 W
Rated voltage, frequency	DC 48 V
Rated current	250 mA
Input interface	2 Wires Busbar
Electric shock protection class	III
Energy consumption in on-mode of the light source (kWh/1000h)	11
Displacement factor (cos φ1)	0.9
Survival factor	1

Photometric parameters

Useful luminous flux (Φuse)	880 Lm
Correlated color temperature	4000K (neutral white)
Beam angle	90°
Color rendering index (CRI)	Ra > 90
On/Off cycles	20000
Lifetime (L70B50)	30000 h
Useful luminous flux of the light source reference	in a wide cone (120°)
Chromaticity coordinates (x)	0.38
Chromaticity coordinates (y)	0.38
R9 colour rendering index value	>0
The lumen maintenance factor	≥96%

INDEX: VL-TRMS-LD16B

Colour consistency in MacAdam ellipses (SDCM) <6 (4000K)

Flicker metric (Pst LM) ≤1

Stroboscopic effect metric (SVM) ≤0.4

CRI Min Ra 90

CRI Max Ra 95

Additional information

Place of installation	Busbar for magnetic slim track
Place of application	indoor
Housing colour	Black
Minimum distance from the illuminated object	0.5 m
Diffuser material	Polycarbonate (PC)
Ultraviolet radiation	no
Operating temperature range	-20° +45°C
Mercury content	Does not contain
Ingress protection	IP20
Housing material	Aluminum alloy, Acrylic

Dimensions

EAN	4820246485746
Height	26 mm
Depth	24 mm
Width	236 mm
In the package	1 pc.
Outer box	30 pcs.

Unit nett weight

145g

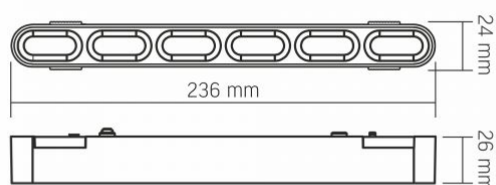
Signs marking goods

Packaging marking

Recycling of waste, CE, Utilization



VIDEX[®]**VIDEX VL-TRMS-LD16B Black****INDEX: VL-TRMS-LD16B**

INDEX: VL-TRMS-LD16B


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

Allegro opt Sp. z o.o., ul. Mierzeja Wiślana 11,
30-732 Krakow, Poland.



The product must be used indoors



Minimum distance from the illuminated object



Class III protection against electric shock - ensured by supplying a specific product with a safe very low voltage (SELV) without the risk of creating a voltage above safe levels



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 > 90 - color rendering index



Rated On/off cycles



Nominal lifetime (hours)



The product does not emit ultraviolet light



The product is incompatible with light regulators



Operating temperatures range



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