

## TECHNICAL CARD



LED Light for Magnetic slim track light system

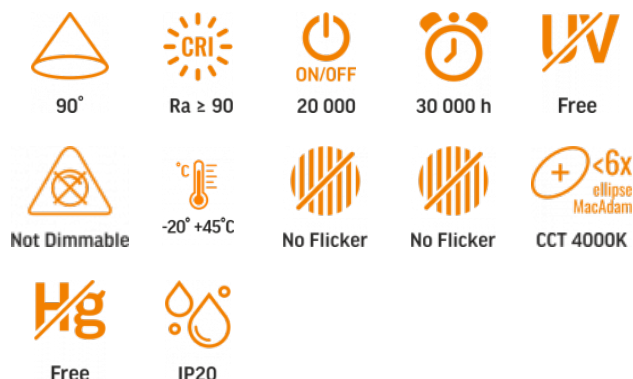


Pursuant to the provisions of the WEEE Act, it is forbidden to put waste equipment marked with the symbol of a crossed out bin together with other waste. The user, wishing to get rid of electronic and electrical equipment, is obliged to return it to a waste equipment collection point. There are no hazardous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

# VIDEX®

## VIDEX VL-TRMS-LD16B Black

### INDEX: VL-TRMS-LD16B



### WARRANTY 3 YEARS



Neutral White / Neutralny biały / Neutralni bila / Blanc neuter / Neutrálna biela / Neutraal wit / Semleges feher / Nevtralno bela / Neutralno bijela / Neutralweiß / Alb neutru / Neutralus 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

**Displacement factor (cos φ1)** 0.9

**Survival factor** 1

**Energy consumption in on-mode of the light source (kWh/1000h)** 11

### 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%

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Flicker metric (Pst LM)	≤1
Stroboscopic effect metric (SVM)	≤0.4
Colour consistency in MacAdam ellipses (SDCM)	<6 (4000K)
CRI Min	Ra 90
CRI Max	Ra 95

Unit nett weight 145g

### Signs marking goods

#### Packaging marking

Recycling of waste, CE, Utilization

### Additional information

Place of installation	Busbar for magnetic slim track
Place of application	indoor
Housing colour	Black
Diffuser material	Polycarbonate (PC)
Minimum distance from the illuminated object	0.5 m
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
In the package	1 pc.
Outer box	30 pcs.
Height	26 mm
Width	236 mm
Depth	24 mm

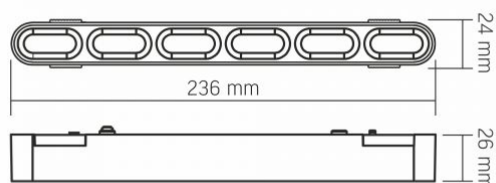


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We reserve the right to make technical changes. The data contained in this material is not legally binding.

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



The product must be used indoors



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



Minimum distance from the illuminated object



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



The flickering of the light does not exceed the permissible level



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



Colour consistency in MacAdam ellipses (SDCM)



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