

## TECHNICAL CARD

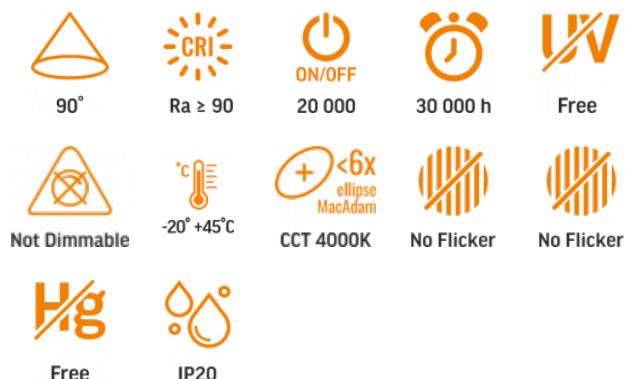


LED Light for Magnetic slim track light system



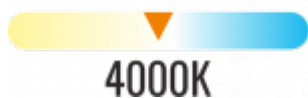
Pursuant to the provisions of the WEEE Act, it is forbidden to put waste equipment marked with the symbol of a crossed out bin together with other waste. The user, wishing to get rid of electronic and electrical equipment, is obliged to return it to a waste equipment collection point. There are no hazardous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

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## WARRANTY 3 YEARS

### NEUTRAL WHITE



4000K

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** G

**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)** 5.5 W

**Rated voltage, frequency** DC 48 V

**Rated current** 125 mA

**Input interface** 2 Wires  
Busbar

**Electric shock protection class** III

**Energy consumption in on-mode of the light source (kWh/1000h)** 5.5

**Displacement factor (cos φ1)** 0.9

**Survival factor** 1

### Photometric parameters

**Useful luminous flux (Φuse)** 420 Lm

**Correlated color temperature** 4000K  
(neutral white)

**Beam angle** 90°

**Color rendering index (CRI)** Ra > 90

**On/Off cycles** 20000

**Lifetime** 30000 h

**Useful luminous flux of the light source reference** in a narrow cone (90°)

**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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**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

**Unit nett weight**

82g

### Signs marking goods

**Packaging marking**

Recycling of  
waste, CE,  
Utilization

### Additional information

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

### Dimensions

<b>EAN</b>	4820246485739
<b>Height</b>	26 mm
<b>Depth</b>	24 mm
<b>Width</b>	120 mm
<b>In the package</b>	1 pc.
<b>Outer box</b>	50 pcs.

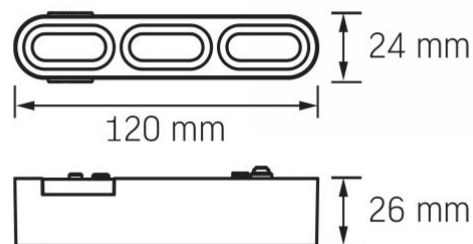


**VIDEX®**

VIDEX VL-TRMS-LD13B Black

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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



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