

## TECHNICAL CARD



LED Light for Magnetic slim track light system



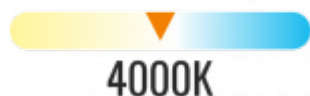
Pursuant to the provisions of the WEEE Act, it is forbidden to put waste equipment marked with the symbol of a crossed out bin together with other waste. The user, wishing to get rid of electronic and electrical equipment, is obliged to return it to a waste equipment collection point. There are no hazardous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

## INDEX: VL-TRMS-LD460B



## WARRANTY 3 YEARS

### NEUTRAL WHITE



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           |
| <b>Type of light source</b>                              |              |
| 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)   | 21 W              |
| Rated voltage, frequency                                      | DC 48 V           |
| Rated current   | 500               |
| Input interface   | 2 Wires<br>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) | 21                |

### Photometric parameters

|  |                          |
|--|--------------------------|
| Useful luminous flux (Φuse)                        | 1950 Lm                  |
| Correlated color temperature                       | 4000K<br>(neutral white) |
| Beam angle   | 110°                     |
| 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-LD460B

|   |            |
|---|------------|
| 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 | 260g |
|------------------|------|

## Signs marking goods

### Packaging marking

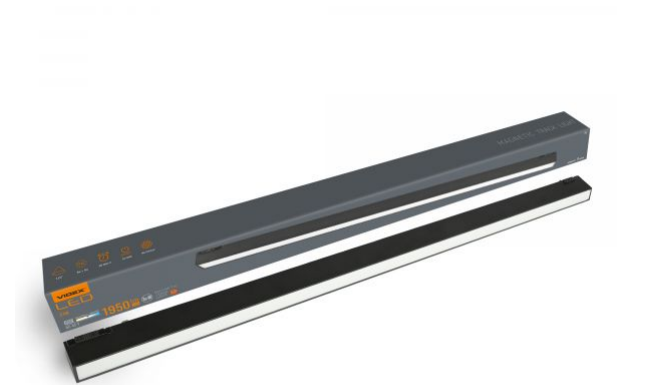
Recycling of  
waste, CE,  
Utilization

## 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            | 4820246485777 |
| In the package | 1 pc.         |
| Outer box      | 50 pcs.       |
| Height         | 25 mm         |
| Width          | 600 mm        |
| Depth          | 24 mm         |

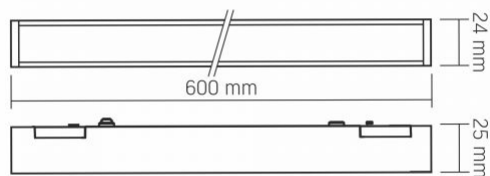


**VIDEX<sup>®</sup>**

VIDEX VL-TRMS-LD460B Black

**INDEX: VL-TRMS-LD460B**

### INDEX: VL-TRMS-LD460B



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



— 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