

**INDEX: VL-TRMS-LD430B** 

# **TECHNICAL CARD**





LED Light for Magnetic slim track light system













### **INDEX: VL-TRMS-LD430B**



Ra ≥ 90









Free

Not Dimmable













### **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 / Неутрално 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)	10.5 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)	10.5

### **Photometric parameters**

Useful luminous flux (Фuse)	980 Lm
Correlated color temperature	4000K (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%



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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	140g
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	4820246485760
In the package	1 pc.
Height	25 mm
Outer box	100 pcs.
Width	300 mm
Depth	24 mm



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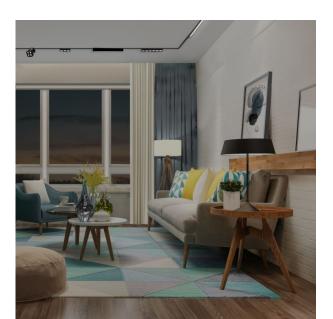


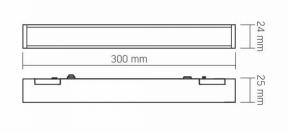






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We reserve the right to make technical changes. The data contained in this material is

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



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

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