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VIDEX VL-TRMS-LA78B Black

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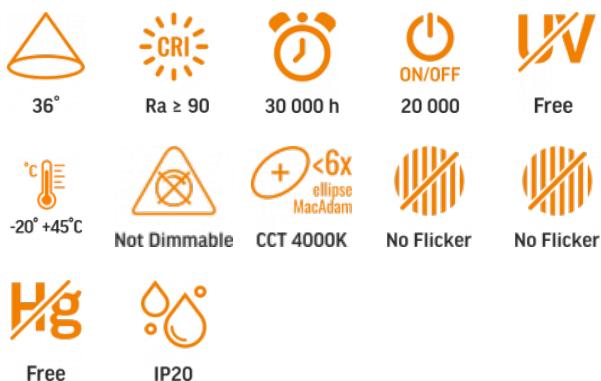
TECHNICAL CARD

F | A↑G
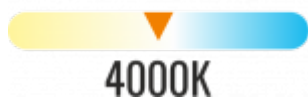

LED Light for Magnetic slim track light system

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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Anti-glare shield	No
Technology	LED

36°	CRI Ra ≥ 90	30 000 h	ON/OFF 20 000	UV Free
-20° +45°C	Not Dimmable	<6x ellipse MacAdam CCT 4000K	No Flicker	No Flicker
Hg Free	IP20			

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 / 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

Electrical parameters

On-mode power (Pon)	18 W
Rated voltage, frequency	DC 48 V
Rated current	375 mA
Input interface	2 Wires Busbar
Electric shock protection class	III
Energy consumption in on-mode of the light source (kWh/1000h)	18
Displacement factor (cos φ1)	0.9
Survival factor	1

Photometric parameters

Useful luminous flux of the contained light source (Φuse)	1700 Lm
Correlated color temperature	4000K (neutral white)
Beam angle	36°
Color rendering index (CRI)	Ra > 90
Lifetime	30000 h
On/Off cycles	20000
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

Outer box	32 pcs.
Unit nett weight	300g

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
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	4820246485722
Height	120 mm
Width	80 mm
Depth	69 mm
In the package	1 pc.

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120 mm

80 mm

120 mm

69 mm
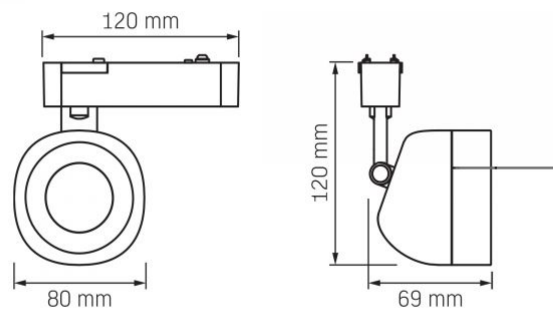
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The product must be used indoors

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

— Nominal lifetime (hours)

— Rated On/off cycles

— The product does not emit ultraviolet light

— Operating temperatures range

— The product is incompatible with light regulators

— 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

Date: 10.03.2025