

TECHNICAL CARD



LED module



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 2 YEARS

General parameters

Light source or containing product Light source

Type of light source

Energy class of the light source	D
Dimmable	no
Directional (DLS) or non-directional (NDLS) light source	NDLS
Connected light source (cls)	no
Color-tunable light source	yes
Mains (MLS) or non-mains (NMLS) light source	MLS
High luminance light source	No
Anti-glare shield	No
Technology	LED

Electrical parameters

On-mode power (Pon) 50 W

Rated voltage, frequency	AC 220-240 V, 50/60 Hz
Rated current	240 mA
Input interface	Terminal block
Electric shock protection class	II
Displacement factor (cos φ1)	0.9
Survival factor	1
Energy consumption in on-mode of the light source (kWh/1000h)	50

Photometric parameters

Useful luminous flux (Φuse)	6800 Lm
Correlated color temperature	6500K (cold white), 4000K (neutral white), 3000K (warm white)
Beam angle	160°
Color rendering index (CRI)	Ra > 80
On/Off cycles	15000
Lifetime (L70B50)	20000 h
Useful luminous flux of the light source reference	in a sphere (360°)
R9 colour rendering index value	>0
The lumen maintenance factor	≥94.8%
Flicker metric (Pst LM)	≤1
Stroboscopic effect metric (SVM)	≤0.4
Colour consistency in MacAdam ellipses (SDCM)	<6 (3000K), <6 (4000K), <6 (6500K)
CRI Min	Ra 80

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CRI Max Ra 88

Additional information

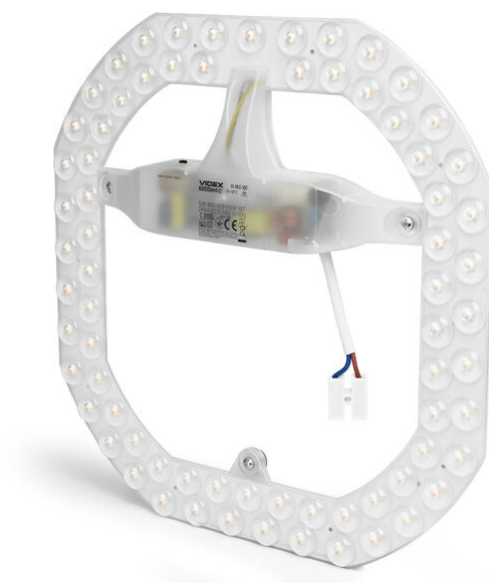
Place of installation	In the light fixture
Place of application	indoor
Housing colour	White
Diffuser material	Polycarbonate (PC)
Ultraviolet radiation	no
Operating temperature range	-20° +40°C
Suitable for installation in normally flammable surfaces	yes
Mercury content	Does not contain
Ingress protection	IP20
Housing material	Aluminum

Dimensions

EAN	4820246487870
In the package	1 pc.
Outer box	20 pcs.
Height	253 mm
Width	253 mm
Depth	27 mm
Unit nett weight	214g

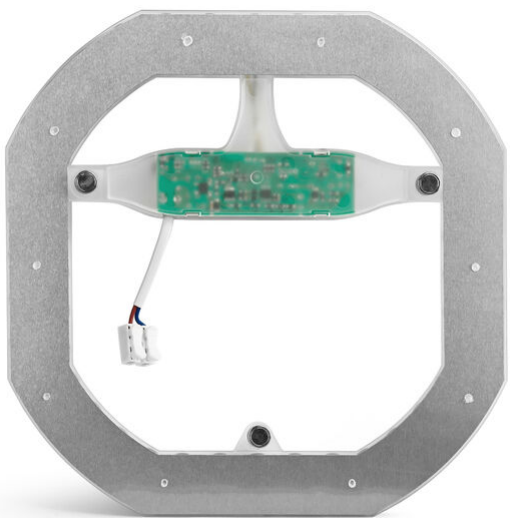
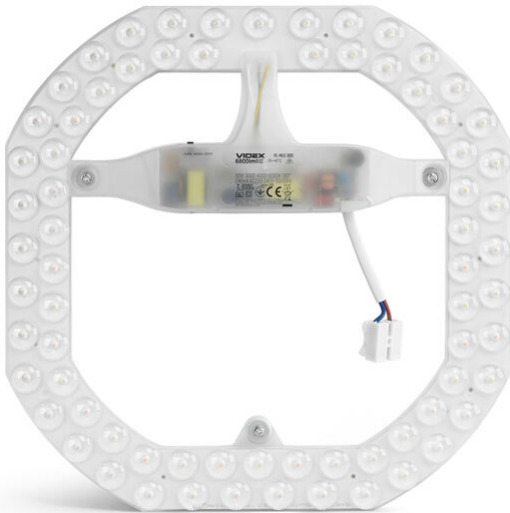
Signs marking goods

Packaging marking	CE, Not suitable for use under moisture, Utilization
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VIDEX[®]

VIDEX VL-MLC-50C 50W 3000K-4000K-6500K

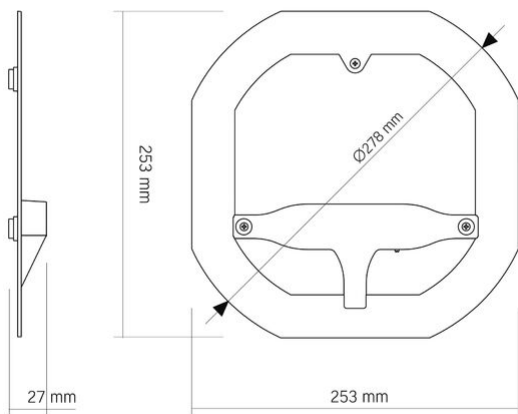
INDEX: VL-MLC-50C

VIDEX[®]

VIDEX VL-MLC-50C 50W 3000K-4000K-6500K

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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 of protection against electric shock II - provided not only by basic insulation but also by double or reinforced insulation
-  The product can be installed and used in/on normally flammable surfaces
-  The product meets the requirements of EU directives
-  Not suitable for use under moisture
-  It is forbidden to throw away waste equipment marked with the symbol of a crossed-out bin with other waste
-  — Ra > 80 - color rendering index
-  — Nominal lifetime (hours)
20 000 h
-  — The product does not emit ultraviolet light
Free
-  — The product is incompatible with light regulators
Not Dimmable
-  — Operating temperatures range
-20° +40°C
-  — The flickering of the light does not exceed the permissible level
No Flicker
-  — The product has minimal flickering, which should not cause discomfort or danger
No Flicker
-  — Colour consistency in MacAdam ellipses (SDCM)
CCT 3000K
-  — Colour consistency in MacAdam ellipses (SDCM)
CCT 4000K
-  — Colour consistency in MacAdam ellipses (SDCM)
CCT 6500K
-  — The product does not contain mercury
Free
-  — Class of protection against dust and moisture. Protection against solid objects larger than 12 mm; no protection against moisture
IP20