

## 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

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

### Electrical parameters

**On-mode power (Pon)** 20 W

<b>Rated voltage, frequency</b>	AC 220-240 V, 50/60 Hz
<b>Rated current</b>	125 mA
<b>Input interface</b>	Terminal block
<b>Electric shock protection class</b>	II
<b>Displacement factor (cos φ1)</b>	0.7
<b>Survival factor</b>	1
<b>Energy consumption in on-mode of the light source (kWh/1000h)</b>	20

### Photometric parameters

<b>Useful luminous flux (Φuse)</b>	2700 Lm
<b>Correlated color temperature</b>	6500K (cold white), 4000K (neutral white), 3000K (warm white)
<b>Beam angle</b>	160°
<b>Color rendering index (CRI)</b>	Ra > 80
<b>On/Off cycles</b>	15000
<b>Lifetime (L70B50)</b>	20000 h
<b>Useful luminous flux of the light source reference</b>	in a sphere (360°)
<b>R9 colour rendering index value</b>	>0
<b>The lumen maintenance factor</b>	≥94.8%
<b>Flicker metric (Pst LM)</b>	≤1
<b>Stroboscopic effect metric (SVM)</b>	≤0.4
<b>Colour consistency in MacAdam ellipses (SDCM)</b>	<6 (3000K), <6 (4000K), <6 (6500K)
<b>CRI Min</b>	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	4820246487856
In the package	1 pc.
Height	133 mm
Outer box	40 pcs.
Width	133 mm
Depth	22 mm
Unit nett weight	92g

#### Signs marking goods

Packaging marking	Recycling of waste, CE, Not suitable for use under moisture, Utilization
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**VIDEX®**

VIDEX VL-MLC-20C 20W 3000K-4000K-6500K

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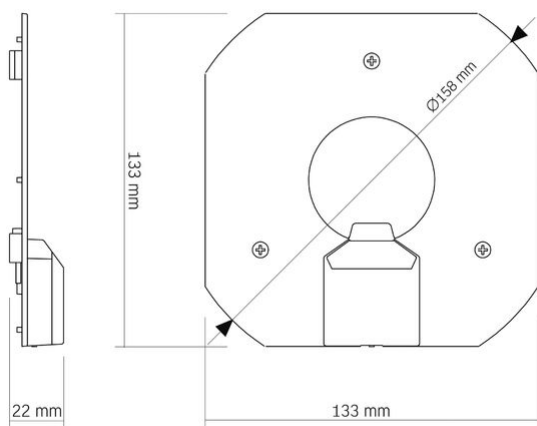
# VIDEX®

VIDEX VL-MLC-20C 20W 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
-  Waste recycling after the end of the product's service life
-  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