

# VIDEX®

VIDEX 50W 1.2M 5000K 5000Lm Black

INDEX: VL-BNL02-50125B

## TECHNICAL CARD



LED Linkable Linear Light



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 5 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
Control gear replaceable	by the producer
Light source replaceable	by the producer

## Type of light source

Energy class of the light source	E
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	MLS
High luminance light source	No
Anti-glare shield	No
Technology	LED

## Electrical parameters

On-mode power (Pon)	50 W
Rated voltage, frequency	AC 170-265 V, 50/60 Hz
Rated current	252 mA
Input interface	Power plug
Electric shock protection class	I
Energy consumption in on-mode of the light source (kWh/1000h)	50
Displacement factor (cos φ1)	0.9
Survival factor	0.9

## Photometric parameters

Useful luminous flux of the contained light source (Φuse)	5000 Lm
Correlated color temperature	5000K (neutral white)
Beam angle	90°
Color rendering index (CRI)	Ra > 80
Lifetime	50000 h
On/Off cycles	30000
Useful luminous flux of the light source reference	in a wide cone (120°)
Chromaticity coordinates (x)	0.35

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<b>Chromaticity coordinates (y)</b>	0.36
<b>R9 colour rendering index value</b>	>0
<b>The lumen maintenance factor</b>	≥96%
<b>Colour consistency in MacAdam ellipses (SDCM)</b>	<6 (5000K)
<b>Flicker metric (Pst LM)</b>	≤1
<b>Stroboscopic effect metric (SVM)</b>	≤0.4
<b>CRI Min</b>	Ra 80
<b>CRI Max</b>	Ra 88

<b>Height</b>	55 mm
<b>Width</b>	55 mm
<b>Depth</b>	1200 mm
<b>In the package</b>	1 pc.
<b>Outer box</b>	12 pcs.
<b>Unit nett weight</b>	1.18kg

### Additional information

<b>Place of installation</b>	Ceiling, Recessed, Flat surface, Suspension
<b>Place of application</b>	indoor
<b>Housing colour</b>	Black
<b>Minimum distance from the illuminated object</b>	0.5 m
<b>Diffuser material</b>	Plastic
<b>Ultraviolet radiation</b>	no
<b>Operating temperature range</b>	-20° +40°C
<b>Suitable for installation in normally flammable surfaces</b>	yes
<b>Mercury content</b>	Does not contain
<b>Ingress protection</b>	IP20
<b>Housing material</b>	Aluminum

### Dimensions

<b>EAN</b>	4820246485548
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### Signs marking goods

#### Packaging marking

Recycling of  
waste, CE,  
Utilization



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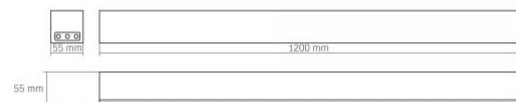
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



















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.



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-  The product must be used indoors
-  Minimum distance from the illuminated object  
0,5 m
-  Protection against electric shock class I. A product in which the means of protection against electric shock, in addition to the main insulation, is an additional protective circuit connected to the grounding of the power supply network
-  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
-  It is forbidden to throw away waste equipment marked with the symbol of a crossed-out bin with other waste
-  — Rated beam angle  
90°
-  — Ra > 80 - color rendering index  
Ra > 80
-  — Nominal lifetime (hours)  
50 000 h
-  — Rated On/off cycles  
ON/OFF  
30 000
-  — The product does not emit ultraviolet light  
Free
-  — Operating temperatures range  
-20° +40°C
-  — The product is incompatible with light regulators  
Not Dimmable
-  — Colour consistency in MacAdam ellipses (SDCM)  
CCT 5000K
-  — 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
-  — 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