

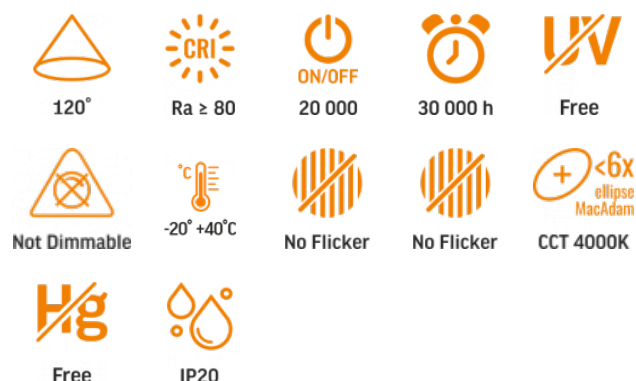
## TECHNICAL CARD



LED Recessed Downlight



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.

**INDEX: VLE-DLBR-124B**

**WARRANTY 2 YEARS**


Neutral White / Neutralny biały / Neutralni bila / Blanc neuter / Neutrálna biela / Neutraal wit / Semleges feher / Nevtralno bela / Neutrálno bijela / Neutralweiß / Alb neutru / Neutrus balta / Neitrāls balta / Neutraalne valge / Нейтрально бяла / Bianco neutro.

**General parameters**

<b>Light source or containing product</b>	Containing product
<b>Control gear replaceable</b>	-
<b>Light source replaceable</b>	by the producer

**Type of light source**

<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>	no
<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
<b>Energy efficiency class of the contained light source</b>	E

**Electrical parameters**

<b>On-mode power (Pon)</b>	12 W
<b>Rated voltage, frequency</b>	AC 220-240 V, 50/60 Hz
<b>Rated current</b>	130 mA
<b>Input interface</b>	Free wire ends
<b>Electric shock protection class</b>	II
<b>Displacement factor (cos φ1)</b>	0.7
<b>Survival factor</b>	0.9
<b>Energy consumption in on-mode of the light source (kWh/1000h)</b>	12

**Photometric parameters**

<b>Useful luminous flux of the contained light source (Φuse)</b>	1350 Lm
<b>Correlated color temperature</b>	4000K (neutral white)
<b>Beam angle</b>	120°
<b>Color rendering index (CRI)</b>	Ra > 80
<b>On/Off cycles</b>	20000
<b>Lifetime (L70B50)</b>	30000 h
<b>Useful luminous flux of the light source reference</b>	in a sphere (360°)
<b>Chromaticity coordinates (x)</b>	0.38

**INDEX: VLE-DLBR-124B**

<b>Chromaticity coordinates (y)</b>	0.38
<b>R9 colour rendering index value</b>	>0
<b>The lumen maintenance factor</b>	≥96%
<b>Flicker metric (Pst LM)</b>	≤1
<b>Stroboscopic effect metric (SVM)</b>	≤0.4
<b>Colour consistency in MacAdam ellipses (SDCM)</b>	<6 (4000K)
<b>CRI Min</b>	Ra 80
<b>CRI Max</b>	Ra 89

**Additional information**

<b>Place of installation</b>	Ceiling, Recessed
<b>Place of application</b>	indoor
<b>Housing colour</b>	Black
<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>	Plastic

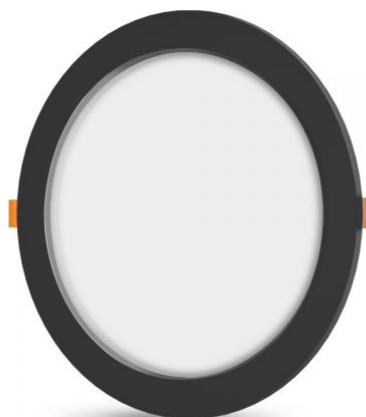
**Dimensions**

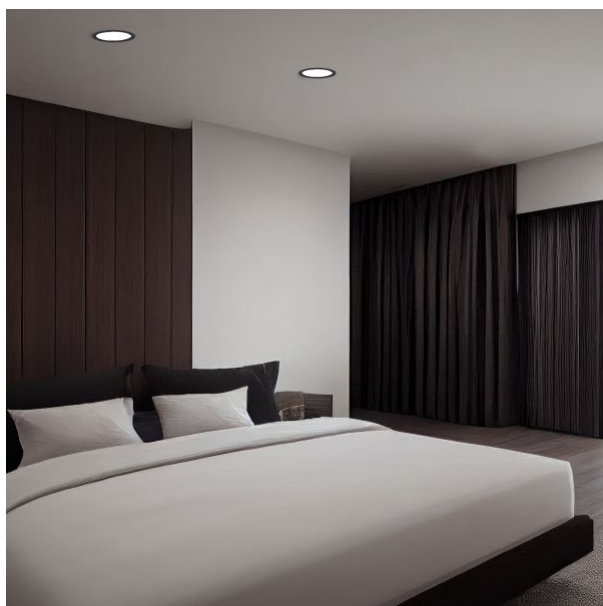
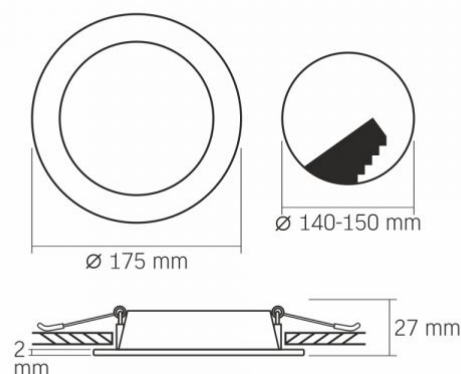
<b>EAN</b>	5904405542637
<b>Height</b>	175 mm
<b>Depth</b>	27 mm
<b>In the package</b>	1 pc.

<b>Outer box</b>	20 pcs.
<b>Width</b>	175 mm
<b>Unit nett weight</b>	126g

**Signs marking goods**
**Packaging marking**

Recycling of  
waste, CE,  
Utilization



**INDEX: VLE-DLBR-124B**


We reserve the right to make technical changes. The data contained in this material is not legally binding.

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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



It is forbidden to throw away waste equipment marked with the symbol of a crossed-out bin with other waste



— Rated beam angle



— Ra > 80 - 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

Date: 26.07.2025