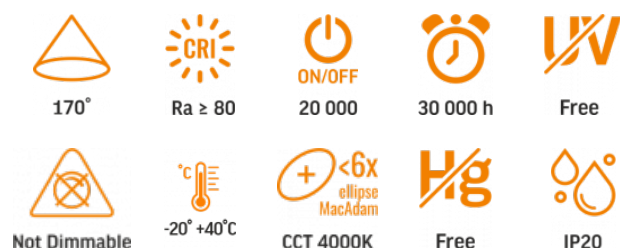


## TECHNICAL CARD



LED Surface Downlight Fixture

**INDEX: VLE-DLRS-244B**

**WARRANTY 2 YEARS**


Neutral White / Neutralny biały / Neutralni bila / Blanc neuter / Neutrálina biela / Neutraal wit / Semleges feher / Nevtralno bela / Neutrálno bijela / Neutralweiß / Alb neutru / Neutralus 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>	by the producer
<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>	NMLS
<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>	20 W
<b>Rated voltage, frequency</b>	AC 220-240 V, 50/60 Hz
<b>Rated current</b>	180 mA
<b>Input interface</b>	Free wire ends
<b>Electric shock protection class</b>	II
<b>Energy consumption in on-mode of the light source (kWh/1000h)</b>	24
<b>Displacement factor (cos φ1)</b>	-
<b>Survival factor</b>	0.9

**Photometric parameters**

<b>Correlated color temperature</b>	4000K (neutral white)
<b>Useful luminous flux of the contained light source (Φuse)</b>	2500 Lm
<b>Beam angle</b>	170°
<b>Color rendering index (CRI)</b>	Ra > 80
<b>On/Off cycles</b>	20000
<b>Lifetime</b>	30000 h
<b>Useful luminous flux of the light source reference</b>	in a sphere (360°)
<b>Chromaticity coordinates (x)</b>	0.38
<b>Chromaticity coordinates (y)</b>	0.38
<b>R9 colour rendering index value</b>	>0

**INDEX: VLE-DLRS-244B**

<b>The lumen maintenance factor</b>	≥96%
<b>Colour consistency in MacAdam ellipses (SDCM)</b>	<6 (4000K)
<b>Flicker metric (Pst LM)</b>	-
<b>Stroboscopic effect metric (SVM)</b>	-
<b>CRI Min</b>	Ra 80
<b>CRI Max</b>	Ra 89

**Additional information**

<b>Place of installation</b>	Ceiling, Flat surface, Wall
<b>Place of application</b>	indoor
<b>Housing colour</b>	Black
<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>	Iron alloy

**Dimensions**

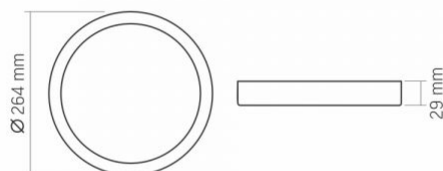
<b>EAN</b>	5904405542538
<b>Height</b>	264 mm
<b>Depth</b>	29 mm
<b>Width</b>	264 mm
<b>In the package</b>	1 pc.

<b>Outer box</b>	20 pcs.
<b>Unit nett weight</b>	750g

**Signs marking goods**








<b>Packaging marking</b>	Recycling of waste, CE, Utilization
--------------------------	-------------------------------------



**INDEX: VLE-DLRS-244B**


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
-  It is forbidden to throw away waste equipment marked with the symbol of a crossed-out bin with other waste
-  — Rated beam angle  
170°
-  — Ra > 80 - color rendering index  
Ra > 80
-  — Rated On/off cycles  
ON/OFF  
20 000
-  — Nominal lifetime (hours)  
30 000 h
-  — The product does not emit ultraviolet light  
Free
-  — The product is incompatible with light regulators  
Not Dimmable
-  — Operating temperatures range  
-20° ~ +40°C
-  — Colour consistency in MacAdam ellipses (SDCM)  
CCT 4000K
-  — 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