

## TECHNICAL CARD



LED Recessed Panel



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-PB404W



## WARRANTY 3 YEARS



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

## General parameters

Light source or containing product	Containing product
Control gear replaceable	by the producer
Light source replaceable	by the producer

## Type of light source

Dimmable	no
Directional (DLS) or non-directional (NDLS) light source	NDLS
Connected light source (cls)	no
Color-tunable light source	no
Mains (MLS) or non-mains (NMLS) light source	NMLS
High luminance light source	No
Anti-glare shield	No

Technology	LED
Energy efficiency class of the contained light source	D

## Electrical parameters

Rated voltage, frequency	AC 220-240 V, 50/60 Hz
Rated current	250 mA
Input interface	Terminal block
Electric shock protection class	II
Energy consumption in on-mode of the light source (kWh/1000h)	40
Displacement factor (cos φ1)	-
Survival factor	0.9

## Photometric parameters

Correlated color temperature	4000K (neutral white)
Useful luminous flux of the contained light source (Φuse)	5100 Lm
Beam angle	160°
Color rendering index (CRI)	Ra > 80
On/Off cycles	20000
Lifetime	50000 h
Useful luminous flux of the light source reference	in a sphere (360°)
Chromaticity coordinates (x)	0.38
Chromaticity coordinates (y)	0.38
R9 colour rendering index value	>0
The lumen maintenance factor	≥96%

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<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>	Armstrong ceiling, Ceiling
<b>Place of application</b>	indoor
<b>Housing colour</b>	White
<b>Diffuser material</b>	Polystyrene (PS)
<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, Iron alloy, Acrylic

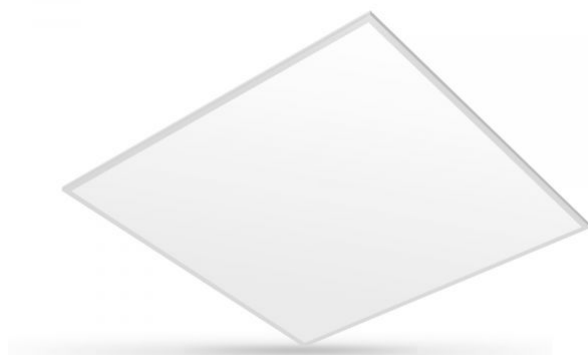
**Dimensions**

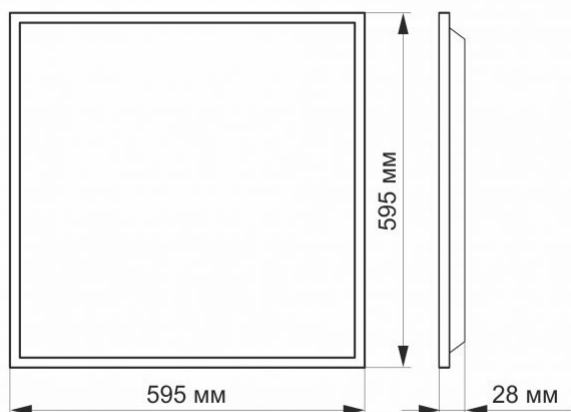
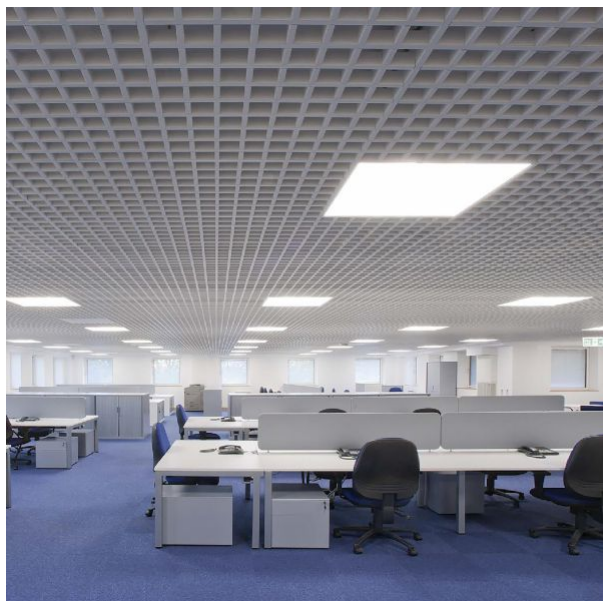
<b>EAN</b>	5904405542408
<b>Height</b>	595 mm
<b>Depth</b>	28 mm
<b>Width</b>	595 mm

<b>In the package</b>	2 pc.
<b>Outer box</b>	8 pcs.
<b>Unit nett weight</b>	1.31kg

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

Recycling of  
waste, CE,  
Utilization



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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



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Ra ≥ 80

— Ra > 80 - color rendering index



ON/OFF

20 000

— Rated On/off cycles



50 000 h

— Nominal lifetime (hours)



Free

— The product does not emit ultraviolet light



Not Dimmable

— The product is incompatible with light regulators



-20° +40°C

— Operating temperatures range



CCT 4000K

— Colour consistency in MacAdam ellipses (SDCM)



Free

— The product does not contain mercury



IP20

— Class of protection against dust and moisture. Protection against solid objects larger than 12 mm; no protection against moisture