

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.

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WARRANTY 3 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

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
Displacement factor (cos φ1)	-
Survival factor	0.9
Energy consumption in on-mode of the light source (kWh/1000h)	40

Photometric parameters

Useful luminous flux of the contained light source (Φ_{use})	5100 Lm
Correlated color temperature	4000K (neutral white)
Beam angle	160°
Color rendering index (CRI)	Ra > 80
On/Off cycles	20000
Lifetime (L70B50)	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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Flicker metric (Pst LM)	-
Stroboscopic effect metric (SVM)	-
Colour consistency in MacAdam ellipses (SDCM)	<6 (4000K)
CRI Min	Ra 80
CRI Max	Ra 89

Additional information

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

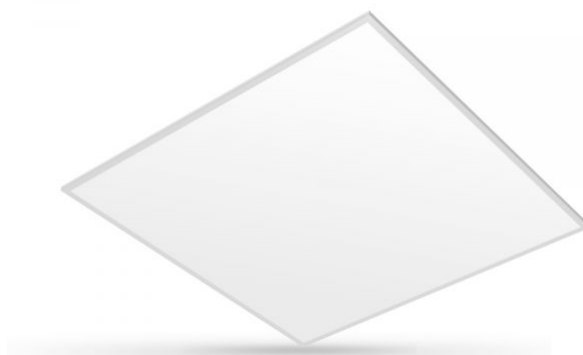
Dimensions

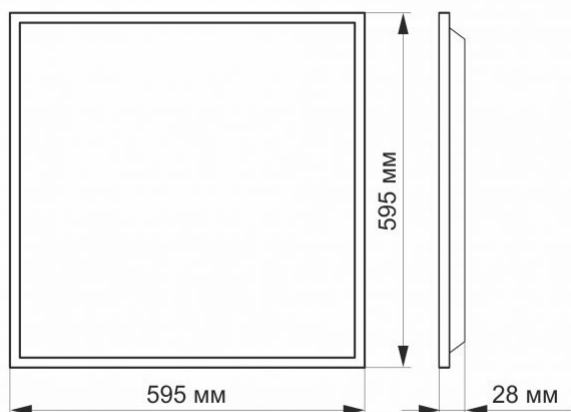
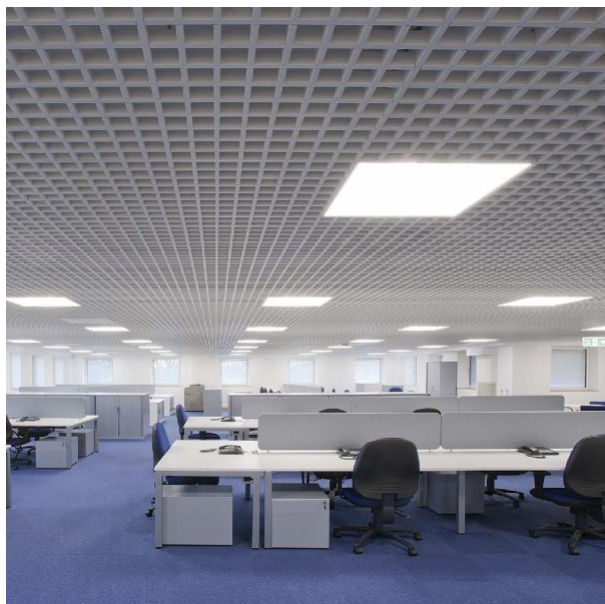
EAN	5904405542408
Height	595 mm
Depth	28 mm
In the package	2 pc.

Outer box	8 pcs.
Width	595 mm
Unit nett weight	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



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



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