

## TECHNICAL CARD

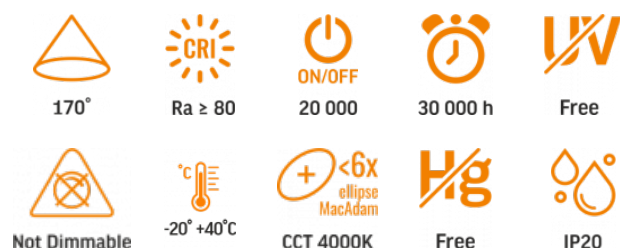


LED Surface Downlight Fixture



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 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

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	E

## Electrical parameters

On-mode power (Pon)	15 W
Rated voltage, frequency	AC 220-240 V, 50/60 Hz
Rated current	120 mA
Input interface	Free wire ends
Electric shock protection class	II
Displacement factor (cos φ1)	-
Survival factor	0.9
Energy consumption in on-mode of the light source (kWh/1000h)	18

## Photometric parameters

Useful luminous flux of the contained light source (Φuse)	1850 Lm
Correlated color temperature	4000K (neutral white)
Beam angle	170°
Color rendering index (CRI)	Ra > 80
On/Off cycles	20000
Lifetime (L70B50)	30000 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

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<b>The lumen maintenance factor</b>	≥96%
<b>Flicker metric (Pst LM)</b>	-
<b>Stroboscopic effect metric (SVM)</b>	-
<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, 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**

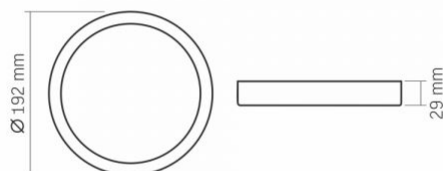
<b>EAN</b>	5904405542521
<b>Height</b>	192 mm
<b>Depth</b>	29 mm
<b>In the package</b>	1 pc.
<b>Outer box</b>	20 pcs.

<b>Width</b>	192 mm
<b>Unit nett weight</b>	420g

**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
-  — 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