

TECHNICAL CARD

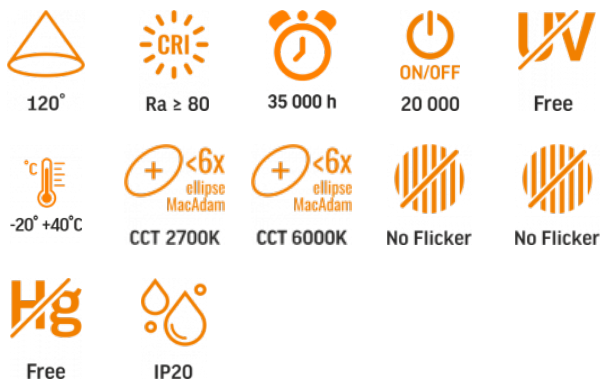


LED Ceiling Fixture



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 3 YEARS



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	remote controller
Directional (DLS) or non-directional (NDLS) light source	NDLS

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Connected light source (cls)	no
Color-tunable light source	yes
Mains (MLS) or non-mains (NMLS) light source	MLS
High luminance light source	No
Anti-glare shield	No
Technology	LED
Energy efficiency class of the contained light source	F

Electrical parameters

On-mode power (Pon)	72 W
Rated voltage, frequency	AC 175-265 V, 50/60 Hz
Rated current	350 mA
Input interface	Free wire ends
Electric shock protection class	I
Energy consumption in on-mode of the light source (kWh/1000h)	72
Displacement factor (cos ϕ 1)	0.9
Survival factor	1
Standby Power (Psb)	0.4 W

Photometric parameters

Useful luminous flux of the contained light source (Φ_{use})	7500 Lm
Correlated color temperature	6000K (cold white), 2700K (warm white)
Beam angle	120°

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Color rendering index (CRI)	Ra > 80
Lifetime	35000 h
On/Off cycles	20000
Useful luminous flux of the light source reference	in a sphere (360°)
Chromaticity coordinates (x)	0.384
Chromaticity coordinates (y)	0.378
R9 colour rendering index value	>0
The lumen maintenance factor	≥96%
Colour consistency in MacAdam ellipses (SDCM)	<6 (2700K), <6 (6000K)
Flicker metric (Pst LM)	≤1
Stroboscopic effect metric (SVM)	≤0.4
CRI Min	Ra 80
CRI Max	Ra 88

Additional information

Place of installation	Ceiling, Wall
Place of application	indoor
Housing colour	Black
Minimum distance from the illuminated object	0.5 m
Diffuser material	Polycarbonate (PC)
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 alloy

Dimensions

EAN	5904405542255
Height	80 mm
Width	450 mm
Depth	450 mm
In the package	1 pc.
Outer box	5 pcs.
Unit nett weight	2.1kg

Signs marking goods

Packaging marking

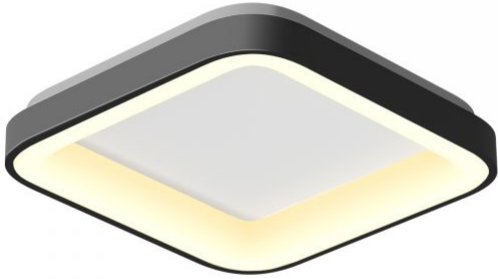
Recycling of waste, CE, Utilization



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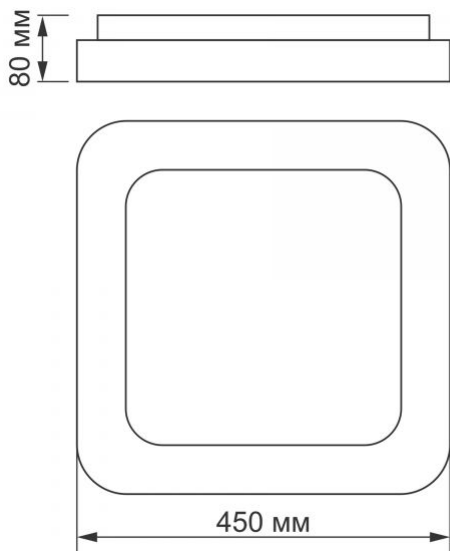
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Allegro opt Sp. z o.o., ul. Mierzeja Wiślana 11,
30-732 Krakow, Poland.

-  The product must be used indoors
-  Minimum distance from the illuminated object
0,5 m
-  Protection against electric shock class I. A product in which the means of protection against electric shock, in addition to the main insulation, is an additional protective circuit connected to the grounding of the power supply network
-  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
120°
-  — Ra > 80 - color rendering index
Ra > 80
-  — Nominal lifetime (hours)
35.000h
-  — Rated On/off cycles
ON/OFF 20.000
-  — The product does not emit ultraviolet light
Free
-  — Operating temperatures range
-20°-40°C
-  — Colour consistency in MacAdam ellipses (SDCM)
CCT 2700K
-  — Colour consistency in MacAdam ellipses (SDCM)
CCT 6500K
-  — The flickering of the light does not exceed the permissible level
No Flicker
-  — The product has minimal flickering, which should not cause discomfort or danger
No Flicker
-  — 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