

TECHNICAL CARD

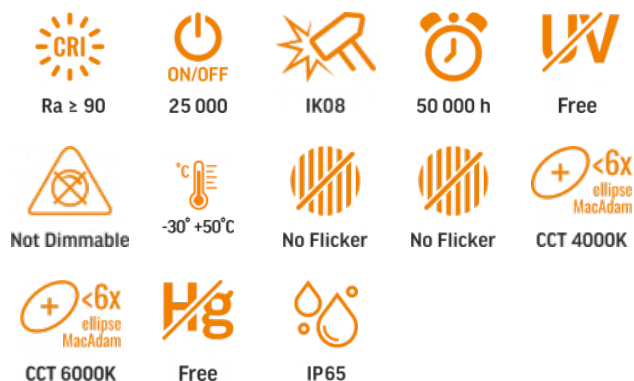


WALL-AND-CEILING-MOUNTED LED LIGHT FITTING



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: VL-BHD01-09CWW



WARRANTY 3 YEARS

General parameters

Light source or containing product	Containing product
Light source replaceable	no
Type of light source	
Energy efficiency class of the contained light source	E
Dimmable	no
Directional (DLS) or non-directional (NDLS) light source	NDLS
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

Electrical parameters

On-mode power (Pon)	9 W
Rated voltage, frequency	AC 220-240 V, 50/60 Hz
Rated current	45 mA
Input interface	Terminal block
Electric shock protection class	II
Displacement factor (cos φ1)	0.9
Survival factor	1
Energy consumption in on-mode of the light source (kWh/1000h)	9

Photometric parameters

Useful luminous flux of the contained light source (Φuse)	1200 Lm
Correlated color temperature	6000K (cold white), 4000K (neutral white), 2800K (warm white)
Beam angle	160°
Color rendering index (CRI)	Ra > 90
On/Off cycles	25000
Lifetime (L70B50)	50000 h
Useful luminous flux of the light source in a sphere reference	in a sphere (360°)
R9 colour rendering index value	>0
The lumen maintenance factor	≥96%
Flicker metric (Pst LM)	≤1
Stroboscopic effect metric (SVM)	≤0.4

INDEX: VL-BHD01-09CWW

Colour consistency in MacAdam ellipses (SDCM)	<6 (4000K), <6 (6000K), <6 (2800K)
CRI Min	Ra 90
CRI Max	Ra 95

Depth	78
Unit nett weight	450g

Additional information

Place of installation	Ceiling, Flat surface, Wall
Place of application	indoor, outdoor
Impact protection	IK08
Housing colour	White
Diffuser material	Polycarbonate (PC)
Minimum distance from the illuminated object	0.5 m
Ultraviolet radiation	no
Motion sensor	no
Operating temperature range	-30° +50°C
Suitable for installation in normally flammable surfaces	yes
Mercury content	Does not contain
Ingress protection	IP65
Housing material	Iron alloy, ABS

Dimensions

EAN	4820246487788
In the package	1 pc.
Height	140 mm
Outer box	30 pcs.
Width	140 mm

Signs marking goods

Packaging marking






















Recycling of waste, CE, Utilization



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.

INDEX: VL-BHD01-09CWW

-  The product must be used indoors
-  The product must be used outdoors
-  Class of protection against electric shock II - provided not only by basic insulation but also by double or reinforced insulation
-  Minimum distance from the illuminated object
0,5 m
-  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 > 90 - color rendering index
-  — Rated On/off cycles
25 000
-  — The product withstands strong impacts (e.g., from a heavy object)
-  — Nominal lifetime (hours)
50 000 h
-  — The product does not emit ultraviolet light
Free
-  — The product is incompatible with light regulators
Not Dimmable
-  — Operating temperatures range
-30° +50°C
-  — 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
-  — Colour consistency in MacAdam ellipses (SDCM)
CCT 4000K
-  — Colour consistency in MacAdam ellipses (SDCM)
CCT 6000K
-  — The product does not contain mercury
Free
-  — Class of protection against dust and moisture.
The product has full protection against dust and water jets from all directions
IP65