



INDEX: VL-BHD02-09CWW

TECHNICAL CARD



WALL-AND-CEILING-MOUNTED LED LIGHT FITTING

















VIDEX BHD02 9W 2800-4000-6000K WHITE

INDEX: VL-BHD02-09CWW











Free











+ <6x ellipse MacAdam





WARRANTY 3 YEARS

General parameters

Light source or containing product	Containing product
Light source replaceable	no

Type of light source

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
Energy efficiency class of the contained light source	E

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 (Фuse)	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 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



VIDEX BHD02 9W 2800-4000-6000K WHITE

INDEX: VL-BHD02-09CWW

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

Depth	78 mm
Unit nett weight	450g

Signs marking goods

	Recycling of
Packaging marking	waste, CE,
	Utilization

PS 1200 miles 1000 m

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.

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	4820246487801
In the package	1 pc.
Outer box	30 pcs.
Height	130 mm
Width	130 mm



VIDEX BHD02 9W 2800-4000-6000K WHITE

INDEX: VL-BHD02-09CWW



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



The product can be installed and used in/on normally flammable surfaces



Waste recycling after the end of the product's service



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



The product withstands strong impacts (e.g., from a heavy object)



Nominal lifetime (hours)



The product does not emit ultraviolet light



The product is incompatible with light regulators



Operating temperatures range



The flickering of the light does not exceed the permissible level



The product has minimal flickering, which should not cause discomfort or danger



Colour consistency in MacAdam ellipses (SDCM)



Colour consistency in MacAdam ellipses (SDCM)



The product does not contain mercury



Class of protection against dust and moisture. The product has full protection against dust and water jets from all directions

Date: 19.11.2025