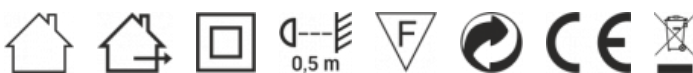


## TECHNICAL CARD

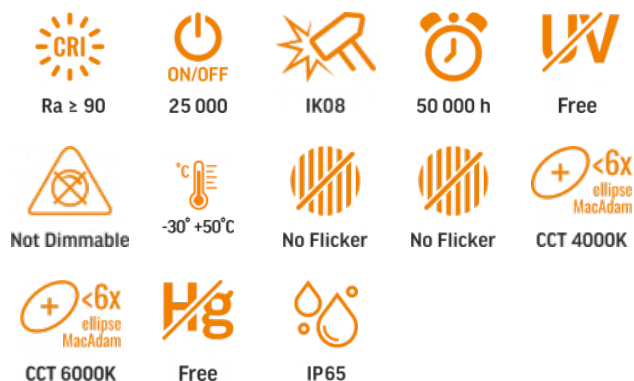


### WALL-AND-CEILING-MOUNTED LED LIGHT FITTING



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-BHD02-09CWW



## WARRANTY 3 YEARS

### General parameters

Light source or containing product	Containing product
Light source replaceable	no
<b>Type of light source</b>	
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

# VIDEX®

## VIDEX BHD02 9W 2800-4000-6000K WHITE

### INDEX: VL-BHD02-09CWW

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

<b>Depth</b>	78 mm
<b>Unit nett weight</b>	450g

### Additional information

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

### Dimensions

<b>EAN</b>	4820246487801
<b>In the package</b>	1 pc.
<b>Height</b>	130 mm
<b>Outer box</b>	30 pcs.
<b>Width</b>	130 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-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  
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