

INDEX: VLE-MR16eL-05104

## **TECHNICAL CARD**





#### LED Bulb



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.



#### 



### WARRANTY 2 YEARS



Neutral White / Neutralny biały / Neutralni bila / Blanc neuter / Neutrálna biela / Neutraal wit / Semleges feher / Nevtralno bela / Neutralno bijela / Neutralweiß / Alb neutru / Neutralus balta / Neitrāls balta / Neutraalne valge / Неутрално бяла / Bianco neutro.

#### **General parameters**

**Color-tunable light source** 

Light source or containing product	Light source
Type of light source	
Energy class of the light source	F
Dimmable	no
Directional (DLS) or non-directional (NDLS) light source	DLS
Connected light source (cls)	no

Mains (MLS) or non-mains (NMLS) light source	MLS
High luminance light source	No
Anti-glare shield	No

no

#### VIDEX-GU10-5W-36°-NW

INDEX: VLE-MR16eL-05104

## Technology LED

#### **Electrical parameters**

On-mode power (Pon)	5 W
Rated voltage, frequency	AC 220-240 V, 50/60 Hz
Rated current	43 mA
Displacement factor (cos φ1)	0.5
Survival factor	0.9
Energy consumption in on-mode of the light source (kWh/1000h)	5

#### **Photometric parameters**

Useful luminous flux (Фuse)	400 Lm
Correlated color temperature	4000K (neutral white)
Peak luminous intensity	500 cd
Beam angle	36°
Color rendering index (CRI)	Ra > 80
On/Off cycles	20000
Lifetime (L70B50)	20000 h
Useful luminous flux of the light source reference	in a narrow cone (90°)
Chromaticity coordinates (x)	0.38
Chromaticity coordinates (y)	0.38
R9 colour rendering index value	>0
The lumen maintenance factor	≥94.8%
Flicker metric (Pst LM)	≤1
Stroboscopic effect metric (SVM)	≤0.4



#### INDEX: VLE-MR16eL-05104

# Colour consistency in MacAdam ellipses <6 (4000K)

CRI Min	Ra 80
CRI Max	Ra 88

#### **Additional information**

Place of application	indoor
Operating temperature range	-20° +40°C
Mercury content	Does not contain



#### Dimensions

EAN	5904405540473
Height	55 mm
Depth	50 mm
In the package	1 pc.
Outer box	20 pcs.
Width	50 mm
Unit nett weight	23g

#### Signs marking goods

**Packaging marking** 

Recycling of waste, CE, Not suitable for use under moisture, Utilization

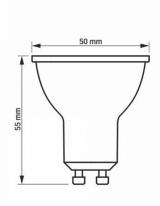




### VIDEX-GU10-5W-36°-NW

#### INDEX: VLE-MR16eL-05104

$\bigcirc$	The	e product must be used indoors
O	Wa	ste recycling after the end of the product's service life
CE	Th	e product meets the requirements of EU directives
	Not	suitable for use under moisture
X		forbidden to throw away waste equipment marked with the nbol of a crossed-out bin with other waste
36°	_	Rated beam angle
Ra ≥ 80	_	Ra > 80 - color rendering index
ON/OFF 20 000	_	Rated On/off cycles
20 000 h	_	Nominal lifetime (hours)
Not Dimmable	_	The product is incompatible with light regulators
"C -20"+40"C	_	Operating temperatures range
No Flicker	_	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
ellipse NacAdam CCT 4000K	_	Colour consistency in MacAdam ellipses (SDCM)
Free	_	The product does not contain mercury
IP20	_	Class of protection against dust and moisture. Protection against solid objects larger than 12 mm; no protection against moisture



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.