

## 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.

## INDEX: VLE-GX53-12533



Ra ≥ 80

ON/OFF  
20 000

20 000 h



Not Dimmable



-20° +40°C



No Flicker



No Flicker



CCT 3000K



Free



IP20

## WARRANTY 2 YEARS

WARM WHITE



3000K

Warm White / Ciepła biel / Tepla bila / Blanc chaud /  
Tepla biela / Warm wit / Meleg feher / Topla bela / Topla  
bijela / Warmweiß / Alb cald / Šiltai balta / Silti balta / Soe  
valge / Тепло бяла / Bianco caldo.

## General parameters

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	NDLS
Connected light source (cls)	no
Color-tunable light source	no
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)	12 W
Rated voltage, frequency	AC 175-250 V, 50/60 Hz
Rated current	104 mA
Displacement factor (cos φ1)	0.7
Survival factor	0.9
Energy consumption in on-mode of the light source (kWh/1000h)	12

## Photometric parameters

Useful luminous flux (Φuse)	1170 Lm
Correlated color temperature	3000K (warm white)
Peak luminous intensity	-
Beam angle	140°
Color rendering index (CRI)	Ra > 80
On/Off cycles	20000
Lifetime (L70B50)	20000 h
Useful luminous flux of the light source reference	in a sphere (360°)
Chromaticity coordinates (x)	0.44
Chromaticity coordinates (y)	0.4
R9 colour rendering index value	>0
The lumen maintenance factor	≥94.8%
Flicker metric (Pst LM)	≤1
Stroboscopic effect metric (SVM)	≤0.4
Colour consistency in MacAdam ellipses (SDCM)	<6 (3000K)

<b>CRI Min</b>	Ra 80
<b>CRI Max</b>	Ra 88

### Additional information

<b>Place of application</b>	indoor
<b>Housing colour</b>	White
<b>Operating temperature range</b>	-20° +40°C
<b>Mercury content</b>	Does not contain
<b>Ingress protection</b>	IP20

### Dimensions

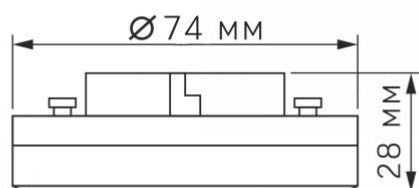
<b>EAN</b>	5904405542613
<b>Height</b>	74 mm
<b>Depth</b>	28 mm
<b>In the package</b>	1 pc.
<b>Outer box</b>	10 pcs., 100 pcs.
<b>Width</b>	74 mm
<b>Unit nett weight</b>	52g

### Signs marking goods

#### Packaging marking

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





We reserve the right to make technical changes. The data contained in this material is not legally binding.

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The product must be used indoors



Waste recycling after the end of the product's service life



The product meets the requirements of EU directives



Not suitable for use under moisture



It is forbidden to throw away waste equipment marked with the symbol of a crossed-out bin with other waste



— Ra > 80 – color rendering index



— Rated On/off cycles



— Nominal lifetime (hours)



— 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)



— The product does not contain mercury



— Class of protection against dust and moisture. Protection against solid objects larger than 12 mm; no protection against moisture