

## 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-GX53-12534



Ra ≥ 80



ON/OFF



20 000 h



Not Dimmable



-20° +40°C



CCT 4000K



No Flicker



No Flicker



Free



IP20

## WARRANTY 2 YEARS

NEUTRAL WHITE



4000K

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

## 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                 |
| Energy consumption in on-mode of the light source (kWh/1000h) | 12                     |
| Displacement factor (cos φ1)                                  | 0.7                    |
| Survival factor                                               | 0.9                    |

## Photometric parameters

|                                                    |                       |
|----------------------------------------------------|-----------------------|
| Useful luminous flux (Φuse)                        | 1170 Lm               |
| Correlated color temperature                       | 4000K (neutral white) |
| Peak luminous intensity                            | -                     |
| Beam angle                                         | 140°                  |
| Color rendering index (CRI)                        | Ra > 80               |
| On/Off cycles                                      | 20000                 |
| Lifetime                                           | 20000 h               |
| Useful luminous flux of the light source reference | in a sphere (360°)    |
| Chromaticity coordinates (x)                       | 0.38                  |
| Chromaticity coordinates (y)                       | 0.38                  |
| R9 colour rendering index value                    | >0                    |
| The lumen maintenance factor                       | ≥94.8%                |
| Colour consistency in MacAdam ellipses (SDCM)      | <6 (4000K)            |
| Flicker metric (Pst LM)                            | ≤1                    |
| Stroboscopic effect metric (SVM)                   | ≤0.4                  |

|                |       |
|----------------|-------|
| <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

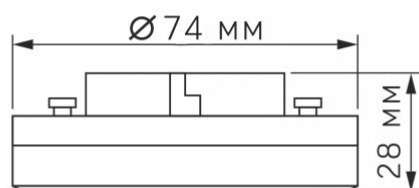
|                         |                   |
|-------------------------|-------------------|
| <b>EAN</b>              | 5904405542590     |
| <b>Height</b>           | 74 mm             |
| <b>Depth</b>            | 28 mm             |
| <b>Width</b>            | 74 mm             |
| <b>In the package</b>   | 1 pc.             |
| <b>Outer box</b>        | 10 pcs., 100 pcs. |
| <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



— Colour consistency in MacAdam ellipses (SDCM)



— The flickering of the light does not exceed the permissible level



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



— 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