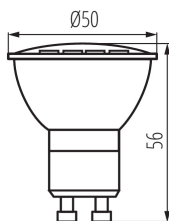


## 31238 GU10 8W-CW LED

LED light source

8595665312381



### TYPE OF LIGHT SOURCE:

**Lighting technology used:** LED  
**Non-directional or directional light source:** DLS  
**Mains or non-mains light source:** MLS  
**Connected light source (CLS):** no  
**Colour-tuneable light source:** no  
**High luminance light source:** no  
**Anti-glare shield:** no  
**Dimmable:** no

### PRODUCT PARAMETERS:

**Colour:** white  
**Compatible with a dimmer:** no  
**Height [mm]:** 56  
**Depth [mm]:** 50  
**Diameter [mm]:** 50  
**Mercury content:** no  
**Rated voltage [V]:** 220-240 AC  
**Rated frequency [Hz]:** 50  
**Lamp rated current [mA]:** 46  
**Total rated luminous flux [lm]:** 690  
**Rated beam angle [°]:** 100  
**Lampshade material:** plastic  
**Light source:** PAR16  
**Diode type:** LED SMD  
**Colour temperature:** cold white  
**Cap:** GU10  
**Rated lamp-service life [h]:** 15000  
**Number of on/off cycles:** ≥15000  
**Light source shape:** spot

### PARAMETERS FOR DIRECTIONAL LIGHT SOURCES:

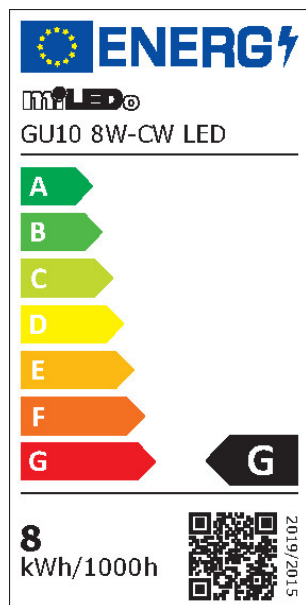
**Peak luminous intensity [cd]:** 290  
**Beam angle [°]:** 100

### PARAMETERS FOR LED AND OLED LIGHT SOURCES:

**Energy consumption in on-mode of the light source (kWh/1000h):** 8  
**Energy efficiency class:** G  
**Useful luminous flux of the light source  $\Phi_{use}$  [lm]:** 560  
**Useful luminous flux of the light source  $\Phi_{use}$  [lm]:** in wide cone (120°)  
**Correlated colour temperature [K]:** 5000  
**Colour consistency in McAdam ellipses:** ≤6  
**On-mode power of the light source  $P_{on}$  [W]:** 8  
**Height of the light source [mm]:** 56

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LED light source



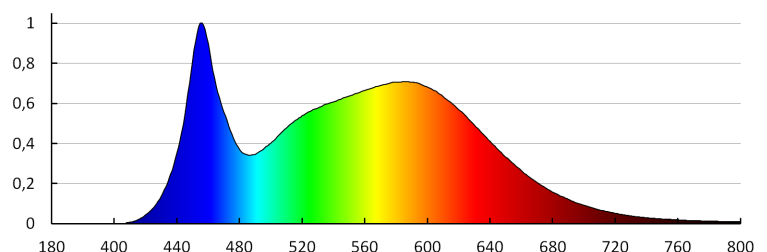
**Width of the light source [mm]:** 50  
**Depth of the light source [mm]:** 50  
**Colour rendering index:** 80  
**Chromaticity coordinates (x):** 0,345  
**Chromaticity coordinates (y):** 0,352  
**Claim of equivalent power [W]:** 57  
**R9 colour rendering index value:** 9  
**Survival factor:**  $\geq 0.9$   
**The lumen maintenance factor:** 0.93

### PARAMETERS FOR LED AND OLED MAINS LIGHT SOURCES:

**Displacement factor ( $\cos \phi 1$ ):** 0,9  
**LED light source replaces a fluorescent light source without integrated ballast of a particular wattage:** Not applicable  
**Flicker metric (Pst LM):**  $\leq 1,0$   
**Stroboscopic effect metric (SVM):**  $\leq 0,4$

### LOGISTIC DATA:

**Packaging method:** 10  
**Number of units in the secondary packaging:** 10  
**Number of units in the packaging:** 200  
**Net unit weight [g]:** 22  
**Grammage [g]:** 32.5  
**Length of a unit pack [cm]:** 5  
**Width of a unit pack [cm]:** 5  
**Height of a unit pack [cm]:** 6  
**Weight of a cardboard box [kg]:** 6.5  
**Width of a cardboard box [cm]:** 28  
**Height of a cardboard box [cm]:** 26  
**Length of a cardboard box [cm]:** 53  
**Volume of a cardboard box [m<sup>3</sup>]:** 0.038584



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LED light source

