

## 18503 LED12 G4-NW

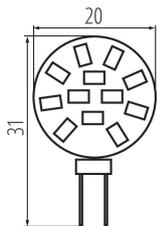
LED light source

5905339185037



up to

140  $\frac{\text{lm}}{\text{W}}$



Kanlux LED12 G4 is an LED capsule based on new, high-performance LEDs. The source's lighting angle is 120°, its life is 20 000 hours, and the efficiency for the NW colour is as much as 140 lm/W.

### GENERAL DATA:

**Lamp designed for decorative lighting:** no

**Compatible with a dimmer:** no

**Width [mm]:** 20

**Height [mm]:** 31

**Diameter [mm]:** 20

**Depth [mm]:** 8

**Mercury content:** no

### TECHNICAL DATA:

**Rated voltage [V]:** 12 AC 50/60Hz; 12 DC

**Rated power [W]:** 1.2

**Light source:** JC

**Diode type:** LED SMD

**Total rated luminous flux [lm]:** 170

**Useful luminous flux of the light source  $\Phi_{use}$  [lm]:** 140

**Useful luminous flux of the light source  $\Phi_{use}$  [lm]:** in wide cone (120°)

**Colour temperature:** white

**Correlated colour temperature [K]:** 4000

**Colour consistency in McAdam ellipses:**  $\leq 6$

**Colour rendering index:** 80

**Cap:** G4

**Rated lamp-service life [h]:** 20000

**Number of on/off cycles:**  $\geq 20000$

**Rated beam angle [°]:** 120

**Rated light level [°]:** 120

**Lamp rated current [mA]:** AC 170 / DC 100

**Annual power consumption [kWh/1000h]:** 1

**Luminous efficiency of the lamp [lm/W]:** 142

**Ignition time [s]:**  $\leq 0,5$

**Lamp-heating time to 60% of the full luminous flux [s]:**  
Negligible

**Lamp-heating time to 95% [s]:**  $< 2$

**Lamp premature-failure indicator:**  $< 5\%$  po 1000h

**Lamp service life factor after the period of 6000h [%]:**  
 $\geq 90$

**Luminous flux retention factor at the end of rated service life [%]:**  $\geq 70$

**Luminous flux retention factor after the period of 6000h**

[%]:  $\geq 80$

Rated useful luminous flux [lm]: 140

### LOGISTIC DATA:

Packaging method: 20

Number of units in the secondary packaging: 20

Number of units in the packaging: 100

Net unit weight [g]: 2

Grammage [g]: 20.8

Length of a unit pack [cm]: 9.5

Width of a unit pack [cm]: 1.5

Height of a unit pack [cm]: 11.5

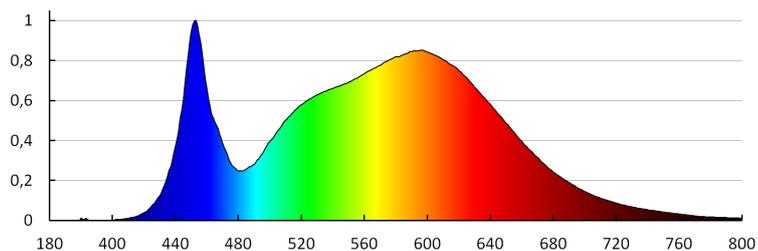
Weight of a cardboard box [kg]: 2.08

Width of a cardboard box [cm]: 24

Height of a cardboard box [cm]: 16

Length of a cardboard box [cm]: 61

Volume of a cardboard box [m<sup>3</sup>]: 0.023424



KANLUX S.A. (kat 18503) LED12 G4-NW / LDC (Polar)

Luminaire: KANLUX S.A. (kat 18503) LED12 G4-NW  
Lamps: 1 x LED12 G4-NW

