

18503 LED12 G4-NW

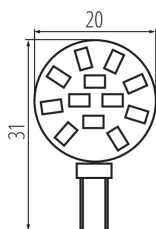
LED light source

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.

TYPE OF LIGHT SOURCE:

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

PRODUCT PARAMETERS:

Compatible with a dimmer: no
Width [mm]: 20
Height [mm]: 31
Depth [mm]: 8
Diameter [mm]: 20
Mercury content: no
Rated voltage [V]: 12 AC 50/60Hz; 12 DC
Lamp rated current [mA]: AC 170 / DC 100
Rated power [W]: 1.2
Total rated luminous flux [lm]: 170
Rated beam angle [°]: 120
Light source: JC
Diode type: LED SMD
Colour temperature: white
Cap: G4
Rated lamp-service life [h]: 20000
Number of on/off cycles: ≥20000

PARAMETERS FOR DIRECTIONAL LIGHT SOURCES:

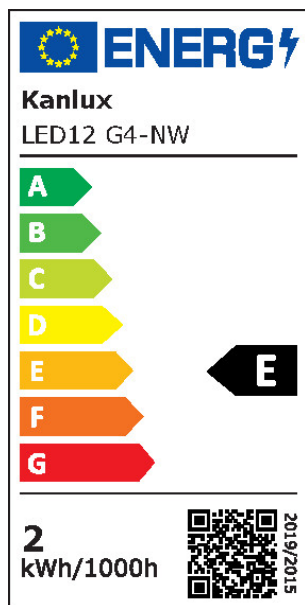
Peak luminous intensity [cd]: 21
Beam angle [°]: 120

PARAMETERS FOR LED AND OLED LIGHT SOURCES:

Energy consumption in on-mode of the light source (kWh/1000h): 2
Energy efficiency class: E
Useful luminous flux of the light source Φ_{use} [lm]: 140
Useful luminous flux of the light source Φ_{use} [lm]: in wide cone (120°)

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Correlated colour temperature [K]: 4000
Colour consistency in McAdam ellipses: ≤ 6
On-mode power of the light source P_{on} [W]: 1.2
Height of the light source [mm]: 31
Width of the light source [mm]: 20
Depth of the light source [mm]: 8
Colour rendering index: 80
Chromaticity coordinates (x): 0.38
Chromaticity coordinates (y): 0.38
R9 colour rendering index value: 18
Survival factor: ≥ 0.9
The lumen maintenance factor: 0.95

PARAMETERS FOR LED AND OLED MAINS LIGHT SOURCES:

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: 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

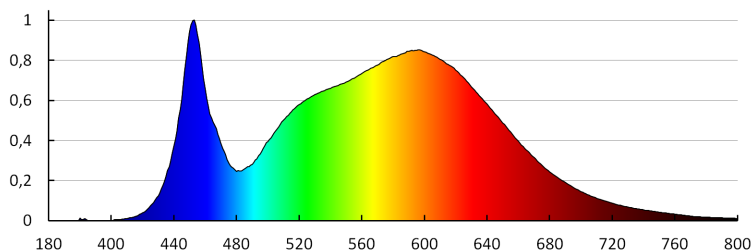
Weight of a cardboard box [kg]: 2.08

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 [m³]: 0.023424



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