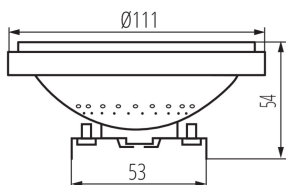


22962 AR-111 LED SL/WW/SR

LED light source

5905339229625



Kanlux AR-111 LED is a LED version of halogen sources. However, their design differs from the classic look of halogens. Kanlux AR-111 LED are characterised by long durability and low energy consumption. The source is recommended in all places where it is visible due to its decorative values. These light sources stand out with the use of brand EPISTAR diodes, which ensured the highest light quality.

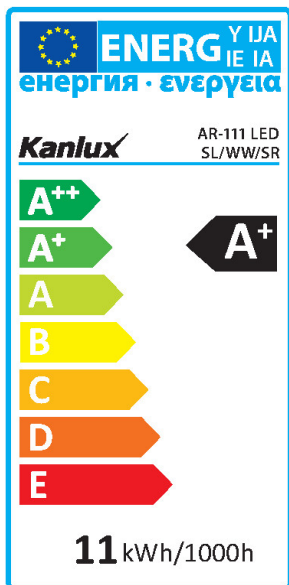
GENERAL DATA:

Colour: silver
Lamp designed for decorative lighting: yes
Compatible with a dimmer: no
Width [mm]: 111
Height [mm]: 54
Diameter [mm]: 111
Depth [mm]: 111
Mercury content: no

TECHNICAL DATA:

Rated voltage [V]: 12 DC
Lamp-power factor: 0.5
Rated power [W]: 11
Material: plastic
Lampshade material: plastic
Light source: AR-111
Diode type: LED SMD
Total rated luminous flux [lm]: 900
Useful luminous flux of the light source Φ_{use} [lm]: 710
Useful luminous flux of the light source Φ_{use} [lm]: in narrow cone (90°)
Colour temperature: Warm white
Correlated colour temperature [K]: 2700
Colour consistency in McAdam ellipses: ≤ 6
Colour rendering index: 80
Cap: G53
Rated lamp-service life [h]: 25000
Number of on/off cycles: ≥ 15000
Rated beam angle [°]: 40
Rated light level [°]: 40
Lamp rated current [mA]: 940
Annual power consumption [kWh/1000h]: 12
Luminous efficiency of the lamp [lm/W]: 82
Ignition time [s]: $\leq 0,5$
Lamp-heating time to 60% of the full luminous flux [s]: Negligible

LED light source



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

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

Lamp service life factor after the period of 6000h [%]: ≥90

Luminous flux retention factor at the end of rated service life [%]: ≥70

Luminous flux retention factor after the period of 6000h [%]: ≥80

Rated useful luminous flux [lm]: 710

Peak luminous intensity [cd]: 1500

Light source shape: spot

LOGISTIC DATA:

Packaging method: 20

Number of units in the secondary packaging: 1

Number of units in the packaging: 20

Net unit weight [g]: 130

Grammage [g]: 205.5

Length of a unit pack [cm]: 11.5

Width of a unit pack [cm]: 6.5

Height of a unit pack [cm]: 11.5

Weight of a cardboard box [kg]: 4.11

Width of a cardboard box [cm]: 35.5

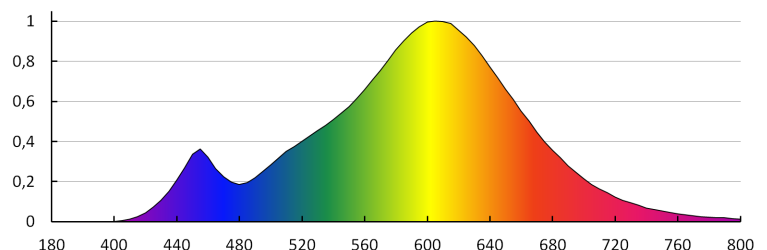
Height of a cardboard box [cm]: 15

Length of a cardboard box [cm]: 48.5

Volume of a cardboard box [m³]: 0.025826

ADDITIONAL INFORMATION:

- To ensure proper work of the lamps a LED power supply of at least twice the power than the circuit load projected should be used.



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