

iQ-LED

Kanlux

ul. Objazdowa 1-3, 41-922 Radzionków, Poland

27319 IQ-LED ES-111 12W-NW

LED light source

5905339273192



Kanlux iQ-LED ES-111 are modern LED light sources, which are characterized by a very high color rendering index $Ra > 97$. The product has a lifetime of 45,000 hours, which allows us to provide a 5-year warranty on these sources. Additionally, Kanlux iQ-LED ES-111 sources can cooperate with dimmers.

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: only with specific dimmers

PRODUCT PARAMETERS:

Lamp designed for dimming: yes
Compatible with a dimmer: yes
Width [mm]: 111
Height [mm]: 78
Depth [mm]: 78
Diameter [mm]: 111
Rated voltage [V]: 220-240 AC
Rated frequency [Hz]: 50
Lamp rated current [mA]: 53
Total rated luminous flux [lm]: 1050
Rated beam angle [°]: 40
Lampshade material: plastic
Light source: ES-111
Diode type: LED SMD
Colour temperature: white
Cap: GU10
Rated lamp-service life [h]: 45000
Number of on/off cycles: ≥ 40000
Light source shape: spot
Additional information: Light source (LS)

Date of issue: 08.02.2024, 16:32

We reserve the right to make technical changes. The data contained in this material are not legally binding.

Photometry: the results obtained from testing were from a specific sample.

EN

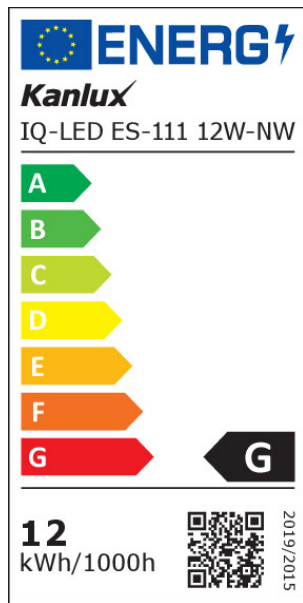
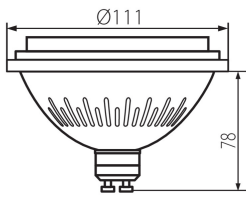
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Mercury content: no

PARAMETERS FOR DIRECTIONAL LIGHT SOURCES:

Peak luminous intensity [cd]: 1370

Beam angle [°]: 40

PARAMETERS FOR LED AND OLED LIGHT SOURCES:

Energy consumption in on-mode of the light source (kWh/1000h): 12

Energy efficiency class: G

Useful luminous flux of the light source Φ_{use} [lm]: 850

Useful luminous flux of the light source Φ_{use} [lm]: in narrow cone (90°)

Correlated colour temperature [K]: 4000

Colour consistency in McAdam ellipses: ≤ 4

On-mode power of the light source P_{on} [W]: 12

Height of the light source [mm]: 78

Width of the light source [mm]: 111

Depth of the light source [mm]: 111

Colour rendering index: 97

Chromaticity coordinates (x): 0.38

Chromaticity coordinates (y): 0.38

Claim of equivalent power [W]: 92

R9 colour rendering index value: 99

Survival factor: ≥ 0.9

The lumen maintenance factor: 0.96

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): 1,0

Stroboscopic effect metric (SVM): 0.4

LOGISTIC DATA:

Unit of measurement: unit

Packaging method: 20

Number of units in the secondary packaging: 1

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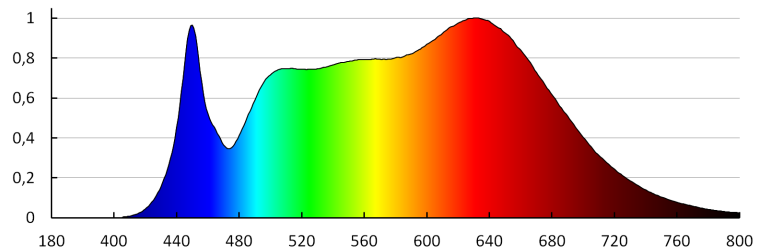
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Number of units in the packaging : 20
Net unit weight [g] : 154
Grammage [g] : 227
Gross unit weight [g] : 202
Length of a unit pack [cm] : 11.5
Width of a unit pack [cm] : 8.5
Height of a unit pack [cm] : 11.5
Weight of a cardboard box [kg] : 4.54
Width of a cardboard box [cm] : 25.5
Height of a cardboard box [cm] : 26.5
Length of a cardboard box [cm] : 44.5
Volume of a cardboard box [m³] : 0.030071

ADDITIONAL INFORMATION:

- 5 years Warranty under the terms of the warranty statement, available on our website





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