

# iQ-LED

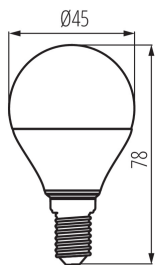
## Kanlux

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

### 33735 IQ-LED G45E14 4,2W-NW

LED light source

5905339337351



The Kanlux iQ-LED means photobiological safety and eye-friendly colour temperature and reliability, all in the classic G45 design. iQ-LED bulbs provide full comfort of use and safety.

#### TYPE OF LIGHT SOURCE:

**Lighting technology used:** LED  
**Non-directional or directional light source:** NDLS  
**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  
**Width [mm]:** 45  
**Height [mm]:** 78  
**Depth [mm]:** 45  
**Diameter [mm]:** 45  
**Rated voltage [V]:** 220-240 AC  
**Rated frequency [Hz]:** 50  
**Lamp rated current [mA]:** 40  
**Rated power [W]:** 4.2  
**Total rated luminous flux [lm]:** 470  
**Rated beam angle [°]:** 240  
**Material:** plastic  
**Lampshade material:** plastic  
**Light source:** G45  
**Diode type:** LED SMD  
**Colour temperature:** white  
**Cap:** E14  
**Rated lamp-service life [h]:** 25000  
**Number of on/off cycles:** ≥40000  
**Light source shape:** kulka  
**Additional information:** Light source (LS)

Date of issue: 02.02.2024, 15:05

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.

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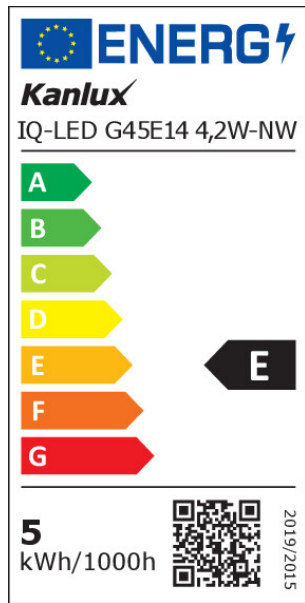
# iQ-LED

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Mercury content: no

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

Energy consumption in on-mode of the light source

(kWh/1000h): 5

Energy efficiency class: E

Useful luminous flux of the light source  $\Phi_{use}$  [lm]: 470

Useful luminous flux of the light source  $\Phi_{use}$  [lm]: in sphere (360°)

Correlated colour temperature [K]: 4000

Colour consistency in McAdam ellipses:  $\leq 6$

On-mode power of the light source  $P_{on}$  [W]: 4.2

Height of the light source [mm]: 78

Width of the light source [mm]: 45

Depth of the light source [mm]: 45

Colour rendering index: 80

Chromaticity coordinates (x): 0.38

Chromaticity coordinates (y): 0.38

Claim of equivalent power [W]: 40

R9 colour rendering index value: 12

Survival factor:  $\geq 0.9$

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: 20

Number of units in the packaging: 100

Net unit weight [g]: 16

Grammage [g]: 33.6

Gross unit weight [g]: 24

Length of a unit pack [cm]: 4.5

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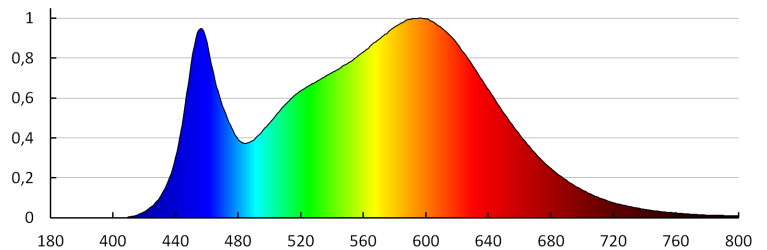
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**Width of a unit pack [cm] : 4.5****Height of a unit pack [cm] : 8****Weight of a cardboard box [kg] : 3.36****Width of a cardboard box [cm] : 25.5****Height of a cardboard box [cm] : 20****Length of a cardboard box [cm] : 52.5****Volume of a cardboard box [m<sup>3</sup>] : 0.026775****KANLUX S.A. (kat 33735) IQ-LED G45E14 4,2W-NW / LDC (Polar)**Luminaire: KANLUX S.A. (kat 33735) IQ-LED G45E14 4,2W-NW  
Lamps: 1 x IQ-LED G45E14 4,2W-NW