

# iQ<sup>LED</sup>

## Kanlux

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

### 33881 IQ-LED FL-20W-NW

LED floodlight

5905339338815



up to  
**120** lm  
W

DESIGN  
unique

LED  
technology



Kanlux IQ FL floodlights are unique products. Their automatic production allows ensuring the highest quality and repeatability of lighting parameters. They include brand LEDs with a life span of 50,000 hours, which is also their additional advantage. The use of the highest quality components allows us to provide our customers with a five-year warranty for the whole series of Kanlux IQ FL floodlights.

#### 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:** black  
**Place of assembly:** wall mounted, ceiling mounted  
**Place of application:** outdoors  
**Minimum distance from the illuminated object :** 1m  
**Compatible with a dimmer :** no  
**RAL:** 7024  
**Wykrywanie ruchu:** no  
**Width [mm]:** 135  
**Height [mm]:** 165  
**Depth [mm]:** 30  
**Integrated LED light source :** yes  
**Rated voltage [V]:** 220-240 AC  
**Rated frequency [Hz]:** 50  
**Maximum power [W]:** 20  
**Class of protection against electric shock :** I  
**Lampshade material:** Tempered glass  
**Diode type:** LED SMD  
**LED module:** I-FL-A71-04-A-V2.0

Date of issue: 31.01.2024, 10:32

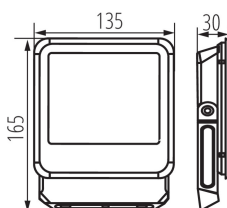
We reserve the right to make technical changes. The data contained in this material are not legally binding.

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

EN

## 33881 IQ-LED FL-20W-NW

### LED floodlight



**Luminous flux [lm]:** 2300

**Colour temperature:** white

**Service life [h]:** 50000

**Number of on/off cycles:** ≥25000

**Lighting angle [°]:** 100

**Ambient temperature range to which the product can be exposed:** -30÷50

**Enclosure material:** Metal

**Connection type:** Free cable ends

**Wire type:** H05RN-F

**Wire length [m]:** 0.3

**Wire diameter [mm²]:** 1

**Lamp-heating time [s]:** ≤1

**Lamp-ignition time [s]:** ≤0,5

**The fixture is movable vertically [°]:** 180

**IP class:** 65

**Additional information:** Containing product (CP)

**Mercury content:** no

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

**Energy consumption in on-mode of the light source**

**(kWh/1000h):** 20

**Energy efficiency class:** E

**Useful luminous flux of the light source  $\Phi_{use}$  [lm]:** 2600

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

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

**Colour consistency in McAdam ellipses:** ≤6

**On-mode power of the light source  $P_{on}$  [W]:** 20

**Height of the light source [mm]:** 76

**Width of the light source [mm]:** 60

**Depth of the light source [mm]:** 16

**Colour rendering index:** 80

**Chromaticity coordinates (x):** 0,38

**Chromaticity coordinates (y):** 0,38

**Claim of equivalent power [W]:** 157

**R9 colour rendering index value:** ≥=0

**Survival factor:** 0,9

**The lumen maintenance factor:** 0,96



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### PARAMETERS FOR LED AND OLED

#### MAINS LIGHT SOURCES:

**Displacement factor ( $\cos \varphi$ ):** 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

**Number of units in the packaging:** 20

**Net unit weight [g]:** 324

**Grammage [g]:** 388

**Gross unit weight [g]:** 364

**Length of a unit pack [cm]:** 14

**Width of a unit pack [cm]:** 3.5

**Height of a unit pack [cm]:** 17.5

**Weight of a cardboard box [kg]:** 7.76

**Width of a cardboard box [cm]:** 32.5

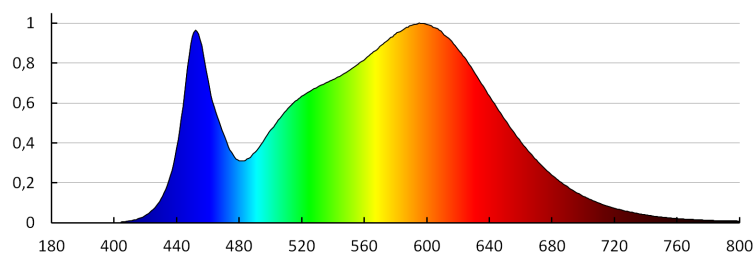
**Height of a cardboard box [cm]:** 21

**Length of a cardboard box [cm]:** 38.5

**Volume of a cardboard box [m<sup>3</sup>]:** 0.026276

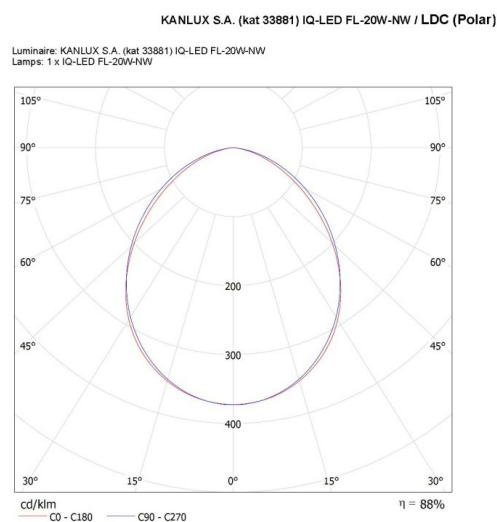
#### ADDITIONAL INFORMATION:

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



**33881** IQ-LED FL-20W-NW

LED floodlight



## ACCESSORIES

**33889**

IQ-LED FL QC | 3x1MM2

Hermetic quick connector for easy, quick and safe connection of the connecting cable and the floodlight, IQ-LED FL QC I 3x1MM2 (33889)

