

iQ^{LED}

Kanlux

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

33884 IQ-LED FL-90W-NW

LED floodlight

5905339338846



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]: 243
Height [mm]: 314
Depth [mm]: 38
Integrated LED light source : yes
Rated voltage [V]: 220-240 AC
Rated frequency [Hz]: 50
Maximum power [W]: 90
Class of protection against electric shock : I
Lampshade material: Tempered glass
Diode type: LED SMD
LED module: I-FL-A41-01-C-V2.0

Date of issue: 31.01.2024, 10:44

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

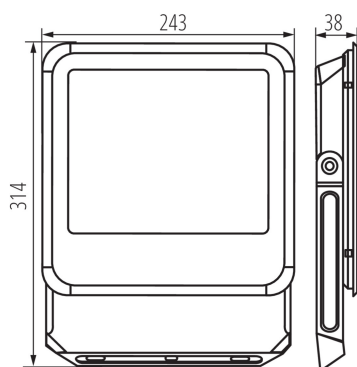
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Luminous flux [lm]: 10800

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): 90

Energy efficiency class: E

Useful luminous flux of the light source Φ_{use} [lm]: 12000

Useful luminous flux of the light source Φ_{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]: 90

Height of the light source [mm]: 182

Width of the light source [mm]: 172

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]: 627

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 ($\cos \phi$): 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: 5

Number of units in the secondary packaging: 1

Number of units in the packaging: 5

Net unit weight [g]: 1264

Grammage [g]: 1450

Gross unit weight [g]: 1332

Length of a unit pack [cm]: 24.5

Width of a unit pack [cm]: 4

Height of a unit pack [cm]: 32

Weight of a cardboard box [kg]: 7.25

Width of a cardboard box [cm]: 24

Height of a cardboard box [cm]: 37

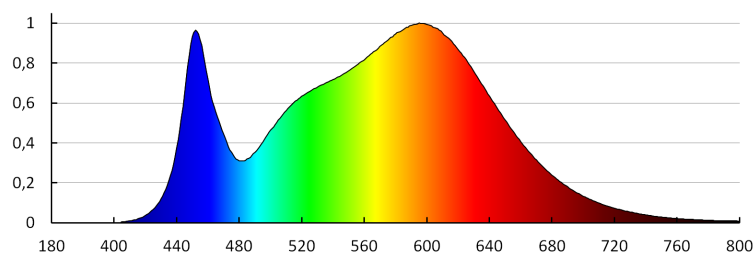
Length of a cardboard box [cm]: 30

Volume of a cardboard box [m³]: 0.02664

ADDITIONAL INFORMATION:

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

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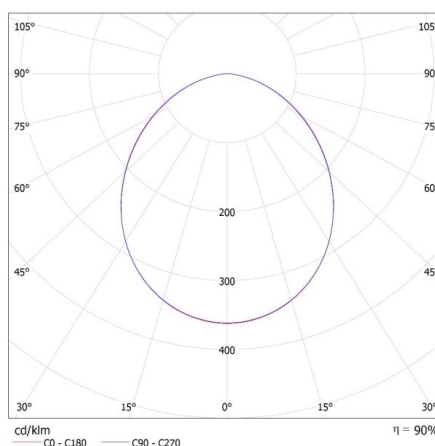
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KANLUX S.A. (kat 33884) IQ-LED FL-90W-NW / LDC (Polar)

Luminaire: KANLUX S.A. (kat 33884) IQ-LED FL-90W-NW
Lamps: 1 x IQ-LED FL-90W-NW



ACCESSORIES

33889

IQ-LED FL QC I 3x1MM2



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