

Kanlux



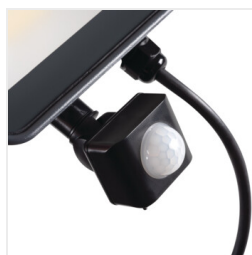
EAN: 5905339338884

LED floodlight
Kanlux 33888 IQ-LED FL-50W-NW-SE



IP
65

up to
120 lm/w



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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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EN

PRODUCT PARAMETERS

Rated voltage [V]	220-240 AC
Rated frequency [Hz]	50
Maximum power [W]	50
Power factor	0.97
Luminous flux [lm]	6000
Correlated colour temperature [K]	4000
Colour consistency in McAdam ellipses	≤6
Colour temperature	white
Luminous efficiency of the lamp [lm/W]	120
Lighting angle [°]	100
Diode type	LED SMD
Integrated LED light source	yes
Colour rendering index	80
Service life [h]	50000
Number of on/off cycles	≥25000
Place of application	outdoors
IP class	65
Compatible with a dimmer	no
Wire type	H05RN-F
Wire diameter [mm ²]	1
The fixture is movable vertically [°]	180
LED light source replaceability	It is not possible to replace the LED light source
Control gear replaceability	It is not possible to replace the control panel or control equipment
Product category according to 2019/2020/EU	Containing product (CP)
Mercury content	no
Mercury content in the lamp [mg]	0

DIMENSIONS AND MOUNTING

Height [mm]	240
Width [mm]	180
Depth [mm]	56
Wire length [m]	0.3
Place of assembly	wall mounted, ceiling mounted
Connection type	Free cable ends

SENSOR PARAMETERS

Sensor type	PIR
Wykrywanie ruchu	yes
Sensor range[m]	max 8
Sensor working angle [°]	120
Sensor-operation time [second-minute]	10-7
Illumination-level setpoint by which the sensor detects movement [lx]	10-2000
Sensitivity regulation	yes

MATERIAL AND CONSTRUCTION

Colour	black
RAL	7024
Enclosure material	Metal
Lampshade material	Tempered glass
Reflector type	symmetrical
Class of protection against electric shock	I
Minimum distance from the illuminated object	1m

LIGHT SOURCE PARAMETERS

LED module	I-FL-A40-02-C-V2.0
On-mode power of the light source Pon [W]	50
Energy consumption in on-mode of the light source (kWh/1000h)	50
Energy efficiency class of the light source in the contains product (CP)	E
Useful luminous flux of the light source Φuse [lm]	6600

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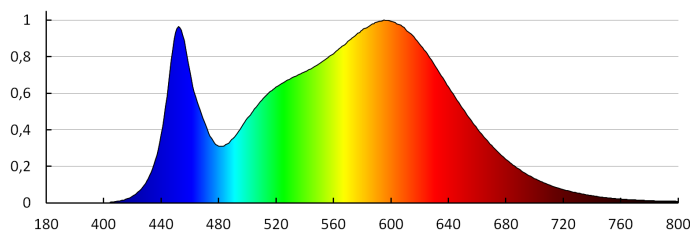
MATERIAL AND CONSTRUCTION

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

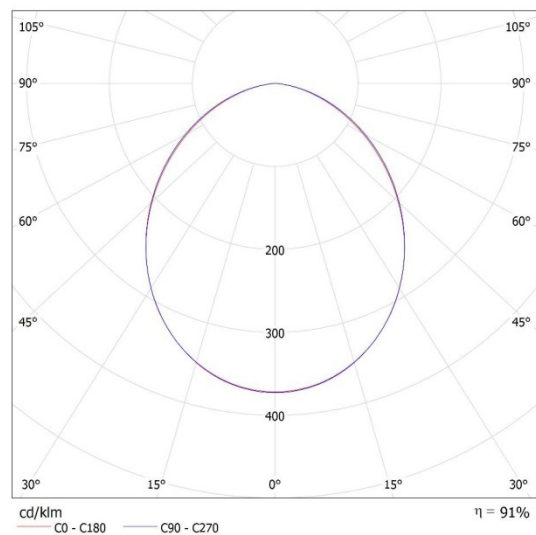
Unit of measurement	unit
Packaging method	10
Number of units in the secondary packaging	1
Number of units in the packaging	10
Net unit weight [g]	640
Grammage [g]	795
Gross unit weight [g]	736
Length of a unit pack [cm]	18.5
Width of a unit pack [cm]	6
Height of a unit pack [cm]	25
Weight of a cardboard box [kg]	7.95
Width of a cardboard box [cm]	31.5
Height of a cardboard box [cm]	27.5
Length of a cardboard box [cm]	39
Volume of a cardboard box [m ³]	0.033784

PHOTOMETRIC DATA



KANLUX S.A. (kat 33888) IQ-LED FL-50W-NW-SE / LDC (Polar)

Luminaire: KANLUX S.A. (kat 33888) IQ-LED FL-50W-NW-SE
Lamps: 1 x IQ-LED FL-50W-NW



$\eta = 91\%$

LIGHT SOURCE PARAMETERS

Useful luminous flux of the light source Φ_{use} [lm]	in sphere (360°)
Height of the light source [mm]	120
Width of the light source [mm]	100
Depth of the light source [mm]	16
Chromaticity coordinates (x)	0,38
Chromaticity coordinates (y)	0,38
Claim of equivalent power [W]	357
R9 colour rendering index value	≥ 0
Survival factor	0,9
The lumen maintenance factor	0,96
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
Colour-tuneable light source	no
High luminance light source	no
Anti-glare shield	no
Dimmable	no

ADDITIONAL INFORMATION

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

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