Kanlux

38420 FL AGOR PRO 100W NW

LED floodlight

5905339384201

5 WARRANTY 5 years **IP 65** **HIGH efficacy**

CE | EAC | UKCA | (recycling mark)

Kanlux AGOR PRO floodlights are a modern and durable lighting solution, ideal for areas such as sports facilities, production halls or facades of industrial or warehouse buildings. They are available in three power ratings: 100W, 150W and 200W and in symmetrical (140 lm/W) and asymmetrical (135 lm/W) versions. Thanks to the IP65 tightness class and IK08 durability, they effectively resist external factors. Solid construction made of cast aluminum, reinforced radiator and angle adjustment up to 270° ensure long life and versatility. They operate in 4000K color and are covered by a 5-year warranty. Accessories in the form of a protective grid are available.

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: no

PRODUCT PARAMETERS:

Colour: black
Place of assembly: wall mounted, ceiling mounted, surface mounted
Place of application : for industrial applications
Minimum distance from the illuminated object : 1m
Compatible with a dimmer : no
Wykrywanie ruchu: no
Width [mm]: 291
Height [mm]: 253
Depth [mm]: 78
Integrated LED light source : yes
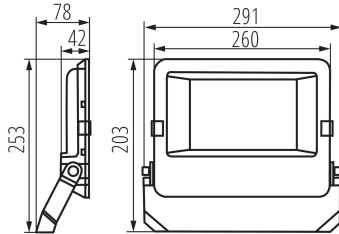**Rated voltage [V]**: 220-240 AC
Rated frequency [Hz] : 50
Maximum power [W]: 100
Class of protection against electric shock : I
Lampshade material: Tempered glass

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Enclosure material: Metal
Diode type: LED SMD
Luminous flux [lm]: 14000
Colour temperature: white
Service life [h]: 50000
Number of on/off cycles: ≥25000
Lighting angle [°]: 110
Ambient temperature range to which the product can be exposed: -30÷45
Connection type: Free cable ends
Wire type: H05RN-F
Wire length [m]: 0.28
Wire diameter [mm²]: 1
The fixture is movable vertically [°] : 180
IK class: 08
IP class: 65
Additional information: It is not possible to replace the LED light source
Additional information: It is not possible to replace the control panel or control equipment
Additional information: Containing product (CP)
Mercury content: no
Mercury content in the lamp [mg] : 0
Luminous efficiency of the lamp [lm/W]: 140

PARAMETERS FOR LED AND OLED LIGHT SOURCES:

Energy efficiency class of the light source in the contains product (CP): D
Useful luminous flux of the light source Φuse [lm] : 16900
Useful luminous flux of the light source Φuse [lm] : in wide cone (120°)
Correlated colour temperature [K] : 4000
Colour consistency in McAdam ellipses : ≤6
Height of the light source [mm]: 291
Width of the light source [mm]: 253
Depth of the light source [mm]: 78
Colour rendering index : ≥80
Chromaticity coordinates (x): 0,38
Chromaticity coordinates (y): 0,38
Survival factor: 0,9
The lumen maintenance factor: 0.96

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Displacement factor (cos φ1) : 0.98
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: 4
Number of units in the secondary packaging : 1
Number of units in the packaging : 4
Net unit weight [g] : 1940
Grammage [g] : 2285
Gross unit weight [g] : 2178
Length of a unit pack [cm] : 31
Width of a unit pack [cm] : 5.5
Height of a unit pack [cm] : 28.5
Weight of a cardboard box [kg] : 9.14
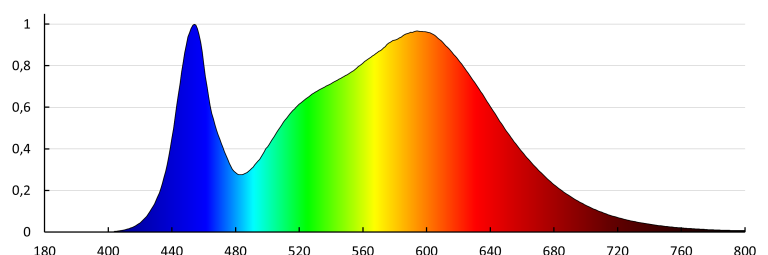**Width of a cardboard box [cm]** : 25.5
Height of a cardboard box [cm] : 31
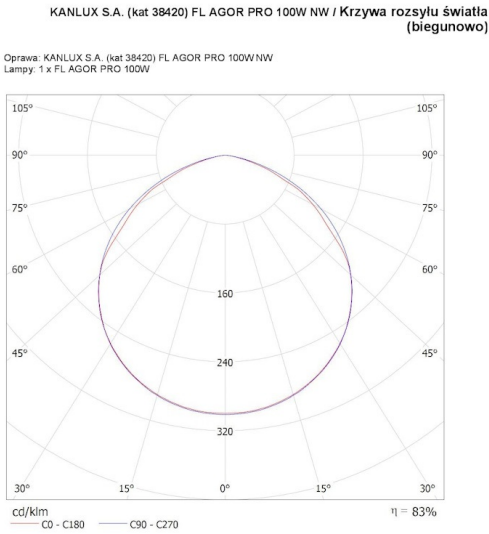**Length of a cardboard box [cm]** : 32
Volume of a cardboard box [m³] : 0.025296

ADDITIONAL INFORMATION:

- 5 years Warranty under the terms of the warranty statement, available on our website
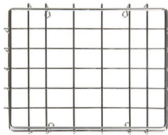
Date of issue: 03.03.2025, 11:15
We reserve the right to make technical changes. The data contained in this material are not legally binding.
Photometry: the results obtained from testing were from a specific sample.
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KANLUX S.A. (kat 38420) FL AGOR PRO 100W NW / **Krzywa rozsyłu światła**
(biegunowo)

Oprawa: KANLUX S.A. (kat 38420) FL AGOR PRO 100W NW
Lampy: 1 x FL AGOR PRO 100W

cd/klm
C0 - C180   C90 - C270   η = 83%

ACCESSORIES

38426	FL AGOR PRO GRID 100W	Protective grid for floodlight FL AGOR PRO 100W, FL AGOR PRO GRID 100W, black (38426)
38427	FL AGOR PRO GRID 150W	Protective grid for floodlight FL AGOR PRO 150W, FL AGOR PRO GRID 150W, black (38427)
38428	FL AGOR PRO GRID 200W	Protective grid for floodlight FL AGOR PRO 200W, FL AGOR PRO GRID 200W, black (38428)

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