

36231 STRETON LED 100W NW

Parking lighting LED

5905339362315



Kanlux STRETON LED are outdoor luminaires designed to illuminate parking lots or larger areas that must be well lit also after dark. Their durability (50,000 hours), tightness (IP66) and high power (up to 200W) make Kanlux STRETON LED a perfect complement to an investment in urban space, in parking lots, in sports facilities or squares.

PRODUCT PARAMETERS:

Rated voltage [V]: 220-240 AC

Rated frequency [Hz]: 50

Maximum power [W]: 100

Luminous flux [lm]: 14000

Luminous efficiency of the lamp [lm/W]: 140

Lighting angle [°]: X140/Y90

Correlated colour temperature [K]: 4000

Colour consistency in McAdam ellipses: ≤6

Colour temperature: white

Colour rendering index: 70

Service life [h]: 50000

Number of on/off cycles: ≥20000

Diode type: LED SMD

Colour: grey

Place of assembly: wall mounted, street pole

Place of application: outdoors

Minimum distance from the illuminated object: 1m

Compatible with a dimmer: no

RAL: 9023

Width [mm]: 99

Height [mm]: 612

Depth [mm]: 221

Class of protection against electric shock: I

Enclosure material: aluminum alloy

Protective glass material: PC

Ambient temperature range to which the product can be exposed: -20÷45

Connection type: Free cable ends

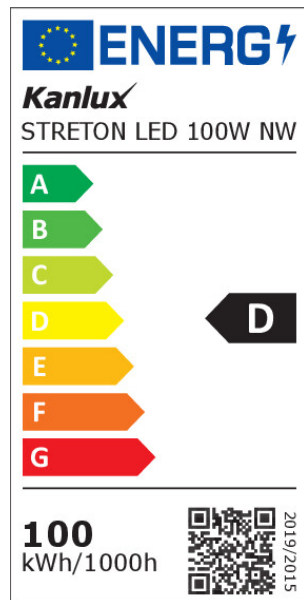
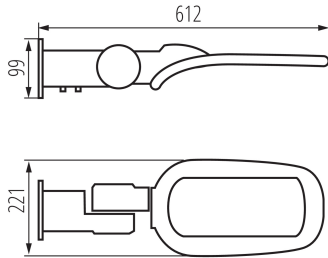
Wire type: H05RN-F

Wire length [m]: 0.4

Wire diameter [mm²]: 1

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IK class: 08

IP class: 66

Additional information: Light source (LS)

Mercury content: no

Mercury content in the lamp [mg]: 0

PARAMETERS FOR LED AND OLED LIGHT SOURCES:

On-mode power of the light source P_{on} [W]: 100

Energy consumption in on-mode of the light source (kWh/1000h): 100

Energy efficiency class: D

Useful luminous flux of the light source Φ_{use} [lm]: 14000

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

Height of the light source [mm]: 612

Width of the light source [mm]: 99

Depth of the light source [mm]: 221

Chromaticity coordinates (x): 0,38

Chromaticity coordinates (y): 0,38

Claim of equivalent power [W]: 727

R9 colour rendering index value: -17

Survival factor: 0,9

The lumen maintenance factor: 0,96

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

PARAMETERS FOR LED AND OLED MAINS LIGHT SOURCES:

Displacement factor ($\cos \phi_1$): 0,99

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

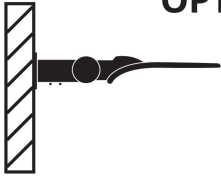
LOGISTIC DATA:

Unit of measurement: unit

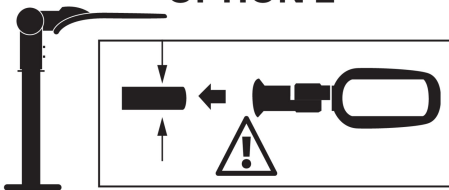
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OPTION 1



OPTION 2



STRETON 20W: Ø42-48

STRETON 40W/60W/100W/150W/200W: Ø50-62

Packaging method: 6

Number of units in the secondary packaging : 1

Number of units in the packaging : 6

Net unit weight [g] : 2470

Grammage [g] : 2983.33

Length of a unit pack [cm] : 64

Width of a unit pack [cm] : 12.5

Height of a unit pack [cm] : 23

Weight of a cardboard box [kg] : 17.89998

Width of a cardboard box [cm] : 39

Height of a cardboard box [cm] : 48.5

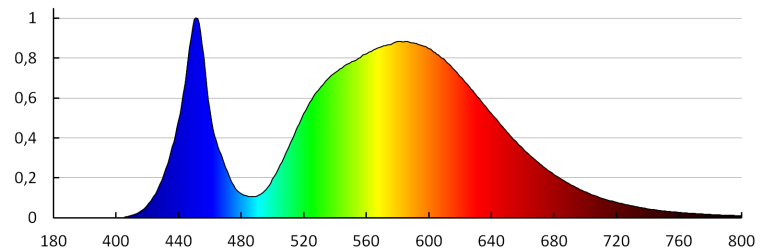
Length of a cardboard box [cm] : 66

Volume of a cardboard box [m³] : 0.124839

ADDITIONAL INFORMATION:

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

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KANLUX S.A. (kat 36231) STRETON LED 100W NW / Krzywa rozsyłu światła
(biegunowo)

Oprawa: KANLUX S.A. (kat 36231) STRETON LED 100W NW
Lampy: 1 x STRETON LED 100W NW

