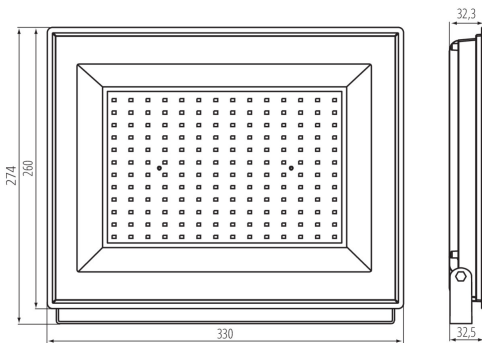


31395 GRUN NV LED-150-B

LED floodlight

8595665313951



TYPE OF LIGHT SOURCE:

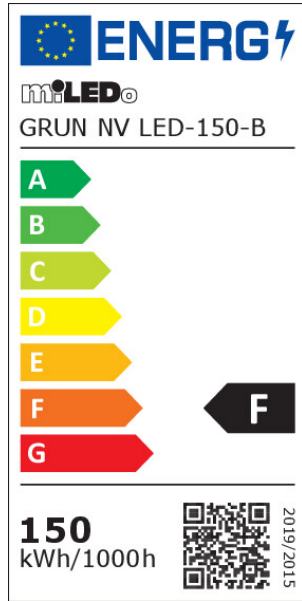
Lighting technology used: LED
 Non-directional or directional light source : DLS
 Mains or non-mains light source : MLS
 Connected light source (CLS): no
 Colour-tuneable light source: no
 High luminance light source: no
 Anti-glare shield: no
 Dimmable: no

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 : 0,5m
 Compatible with a dimmer : no
 Width [mm]: 330
 Height [mm]: 274
 Depth [mm]: 33
 Rated voltage [V]: 220-240 AC
 Rated frequency [Hz]: 50
 Maximum power [W]: 150
 Class of protection against electric shock : I
 Lampshade material: Tempered glass
 Diode type: LED SMD
 Luminous flux [lm]: 14250
 Colour temperature: white
 Service life [h]: 25000
 Number of on/off cycles : ≥ 30000
 Lighting angle [°]: 110
 Ambient temperature range to which the product can be exposed: -15÷35
 Enclosure material: aluminum alloy
 Wire length [m]: 0.15
 Wire diameter [mm]: 1
 Reflector type: symmetrical
 Lamp-heating time [s]: ≤ 1
 Lamp-ignition time [s]: $\leq 0,5$
 The fixture is movable vertically [°]: 130
 IP class: 65
 Additional information: Light source (LS)
 Mercury content: no

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**PARAMETERS FOR DIRECTIONAL LIGHT SOURCES:**

Peak luminous intensity [cd]: 4912

Beam angle [°]: 110

PARAMETERS FOR LED AND OLED LIGHT SOURCES:

Energy consumption in on-mode of the light source

(kWh/1000h): 150

Energy efficiency class: F

Useful luminous flux of the light source Φ_{use} [lm]: 13090Useful luminous flux of the light source Φ_{use} [lm]: w szerokim stożku (120°)

Correlated colour temperature [K]: 4000

Colour consistency in McAdam ellipses: ≤ 6 On-mode power of the light source P_{on} [W]: 150

Height of the light source [mm]: 274

Width of the light source [mm]: 330

Depth of the light source [mm]: 33

Colour rendering index: 70

Chromaticity coordinates (x): 0,38

Chromaticity coordinates (y): 0,38

R9 colour rendering index value: -33

Survival factor: 0,9

The lumen maintenance factor: 0,96

PARAMETERS FOR LED AND OLED MAINS LIGHT SOURCES:Displacement factor ($\cos \phi_1$): 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 packaging: 5

Net unit weight [g]: 1790

Grammage [g]: 2000

Length of a unit pack [cm]: 33.5

Width of a unit pack [cm]: 3.5

Height of a unit pack [cm]: 28

Weight of a cardboard box [kg]: 10

Width of a cardboard box [cm]: 29

Height of a cardboard box [cm]: 20.5

Length of a cardboard box [cm]: 34.5

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Volume of a cardboard box [m³] : 0.02051

