

# 31394 GRUN NV LED-100-B

LED floodlight

8595665313944



## 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  
 Wykrywanie ruchu: no  
 Width [mm]: 257  
 Height [mm]: 225  
 Depth [mm]: 29  
 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  
 Enclosure material: aluminum alloy  
 Diode type: LED SMD  
 Luminous flux [lm]: 9500  
 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  
 Wire length [m]: 0.15  
 Wire diameter [mm²]: 1  
 Reflector type: symmetrical  
 The fixture is movable vertically [°]: 130  
 IP class: 65

Date of issue: 27.02.2025, 13:49

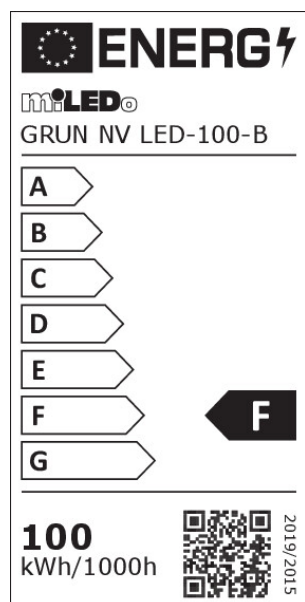
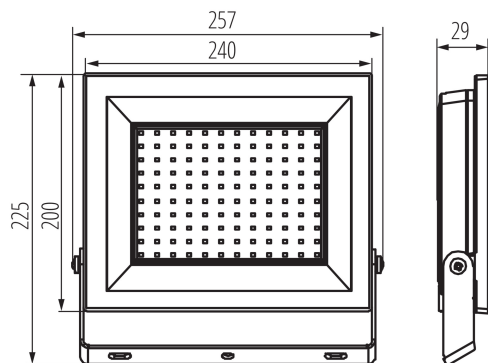
We reserve the right to make technical changes. The data contained in this material are not legally binding.

Photometry: the results obtained from testing were from a specific sample.

Aprisa s.r.o. Sadová 618, 738 01, Frýdek-Místek, Czech Republic aprisa@aprisa.cz

# 31394 GRUN NV LED-100-B

## LED floodlight



**Additional information:** Light source (LS)

**Mercury content:** no

**Mercury content in the lamp [mg]:** 0

**Luminous efficiency of the lamp [lm/W]:** 95

### PARAMETERS FOR DIRECTIONAL LIGHT SOURCES:

**Peak luminous intensity [cd]:** 3530

**Beam angle [°]:** 110

### PARAMETERS FOR LED AND OLED LIGHT SOURCES:

**Energy consumption in on-mode of the light source**

**(kWh/1000h):** 100

**Energy efficiency class:** F

**Useful luminous flux of the light source  $\Phi_{use}$  [lm]:** 8670

**Useful luminous flux of the light source  $\Phi_{use}$  [lm]:** in wide cone (120°)

**Correlated colour temperature [K]:** 4000

**Colour consistency in McAdam ellipses:** 6

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

**Height of the light source [mm]:** 225

**Width of the light source [mm]:** 257

**Depth of the light source [mm]:** 29

**Colour rendering index:** 70

**Chromaticity coordinates (x):** 0,38

**Chromaticity coordinates (y):** 0,38

**R9 colour rendering index value:** -32

**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 ( $P_{st}$  LM):** 1.0

**Stroboscopic effect metric (SVM):** 0,4

### LOGISTIC DATA:

**Unit of measurement:** unit

**Packaging method:** 10

**Number of units in the packaging:** 10

**Net unit weight [g]:** 1142

**31394** GRUN NV LED-100-B

## LED floodlight

**Grammage [g]:** 1260

**Length of a unit pack [cm]: 27.5**

**Width of a unit pack [cm] : 3**

**Height of a unit pack [cm]: 23**

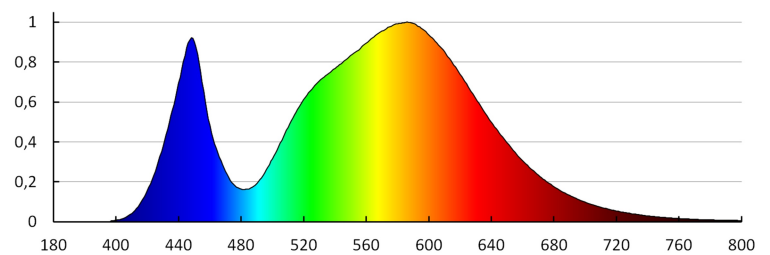
**Weight of a cardboard box [kg]: 12.6**

**Width of a cardboard box [cm]: 24**

**Height of a cardboard box [cm]: 29.5**

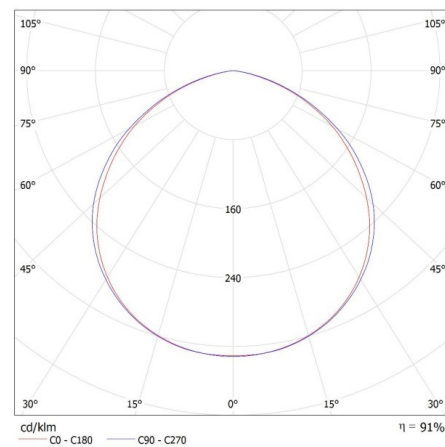
**Length of a cardboard box [cm] : 33**

**Volume of a cardboard box [m<sup>3</sup>]: 0.023364**



**MILED0 (kat 31394) GRUN NV LED-100-B / LDC (Polar)**

Luminaire: MILED0 (kat 31394) GRUN NV LED-100-B  
Lamps: 1 x GRUN NV LED-100-B



Date of issue: 27.02.2025, 13:49

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.

Aprisa s.r.o. Sadová 618, 738 01, Frýdek-Místek, Czech Republic [aprisa@aprisa.cz](mailto:aprisa@aprisa.cz)