

# 31396 GRUN NV LED-200-B

LED floodlight

8595665313968



## 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]: 376  
 Height [mm]: 310  
 Depth [mm]: 30  
 Rated voltage [V]: 220-240 AC  
 Rated frequency [Hz]: 50  
 Maximum power [W]: 200  
 Class of protection against electric shock : I  
 Lampshade material: Tempered glass  
 Enclosure material: aluminum alloy  
 Diode type: LED SMD  
 Luminous flux [lm]: 19000  
 Colour temperature: white  
 Service life [h]: 25000  
 Number of on/off cycles :  $\geq 30000$   
 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

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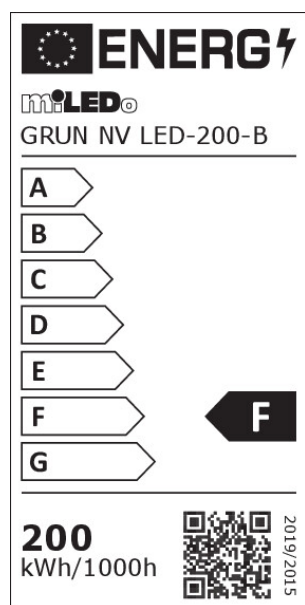
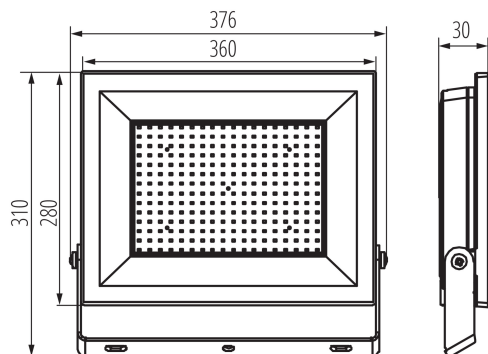
We reserve the right to make technical changes. The data contained in this material are not legally binding.

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

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**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]:** 6817

**Beam angle [°]:** 110

### PARAMETERS FOR LED AND OLED LIGHT SOURCES:

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

**(kWh/1000h):** 200

**Energy efficiency class:** F

**Useful luminous flux of the light source  $\Phi_{use}$  [lm]:** 17500

**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]:** 200

**Height of the light source [mm]:** 310

**Width of the light source [mm]:** 376

**Depth of the light source [mm]:** 30

**Colour rendering index:** 70

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

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

**R9 colour rendering index value:** -35

**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:** 5

**Number of units in the packaging:** 5

**Net unit weight [g]:** 2662

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**Grammage [g]:** 2960

**Gross unit weight [g]:** 2892

**Length of a unit pack [cm]:** 40.5

**Width of a unit pack [cm]:** 3.5

**Height of a unit pack [cm]:** 34

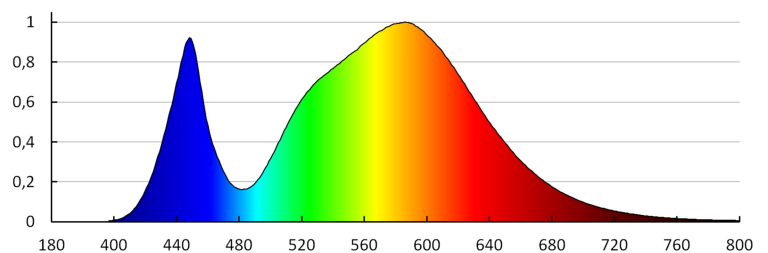
**Weight of a cardboard box [kg]:** 14.8

**Width of a cardboard box [cm]:** 34.5

**Height of a cardboard box [cm]:** 20

**Length of a cardboard box [cm]:** 41

**Volume of a cardboard box [m<sup>3</sup>]:** 0.02829



MILED0 (kat 31396) GRUN NV LED-200-B / LDC (Polar)

Luminaire: MILED0 (kat 31396) GRUN NV LED-200-B  
Lamps: 1 x GRUN NV LED-200-B

