

# 31398 GRUN NV LED-20-B-SE

LED floodlight

8595665313982



## 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: yes  
 Width [mm]: 117  
 Height [mm]: 171  
 Depth [mm]: 54  
 Sensitivity regulation: yes  
 Rated voltage [V]: 220-240 AC  
 Rated frequency [Hz]: 50  
 Maximum power [W]: 20  
 Class of protection against electric shock : I  
 Lampshade material: Tempered glass  
 Enclosure material: aluminum alloy  
 Diode type: LED SMD  
 Luminous flux [lm]: 1700  
 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  
 Sensor type: PIR  
 Wire length [m]: 0.15  
 Wire diameter [mm²]: 1  
 Reflector type: symmetrical

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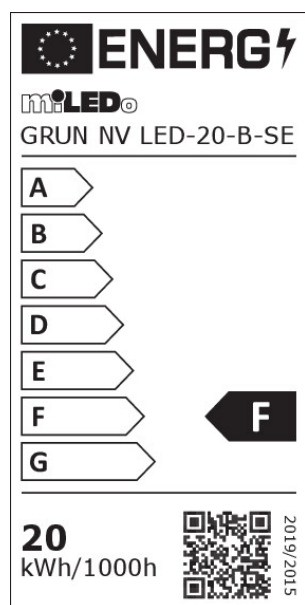
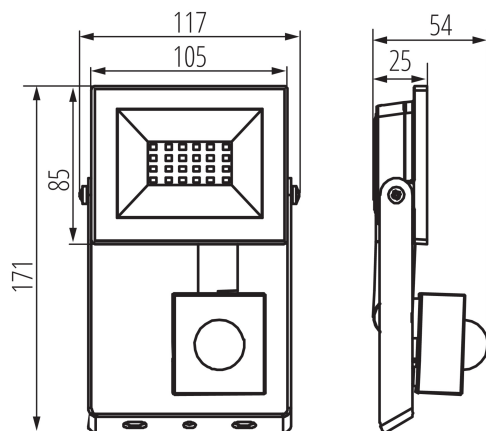
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Photometry: the results obtained from testing were from a specific sample.

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**Sensor-operation time [second-minute]:** 10-10

**sensor working angle [°]:** 120

**Illumination-level setpoint by which the sensor detects movement [lx]:** 3-2000

**The fixture is movable vertically [°]:** 130

**IP class:** 44

**Sensor range[m]:** max 10

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

**Mercury content:** no

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

**Luminous efficiency of the lamp [lm/W]:** 85

### PARAMETERS FOR DIRECTIONAL LIGHT SOURCES:

**Peak luminous intensity [cd]:** 628

**Beam angle [°]:** 110

### PARAMETERS FOR LED AND OLED LIGHT SOURCES:

**Energy consumption in on-mode of the light source (kWh/1000h):** 20

**Energy efficiency class:** F

**Useful luminous flux of the light source  $\Phi_{use}$  [lm]:** 1620

**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]:** 20

**Height of the light source [mm]:** 171

**Width of the light source [mm]:** 117

**Depth of the light source [mm]:** 54

**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 (Pst LM):** 1.0

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Stroboscopic effect metric (SVM) : 0,4

## LOGISTIC DATA:

Unit of measurement: unit

Packaging method: 40

Number of units in the packaging: 40

Net unit weight [g] : 280

Grammage [g] : 359.25

Gross unit weight [g] : 308

Length of a unit pack [cm] : 17.5

Width of a unit pack [cm] : 6

Height of a unit pack [cm] : 12.5

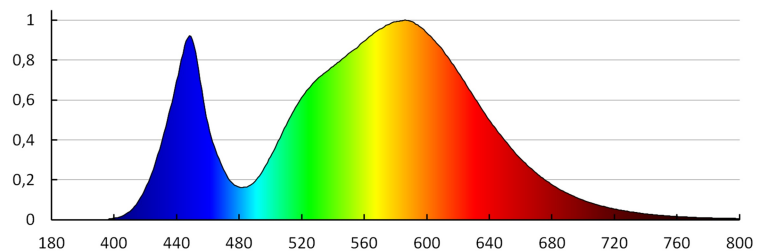
Weight of a cardboard box [kg] : 14.37

Width of a cardboard box [cm] : 37

Height of a cardboard box [cm] : 27.5

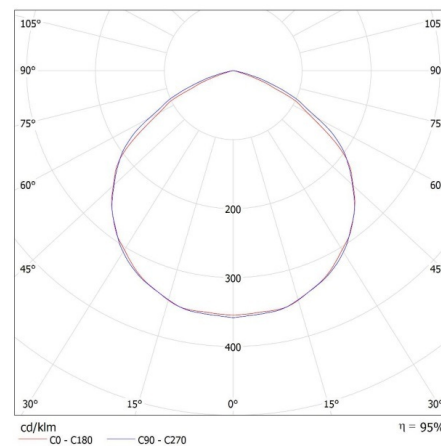
Length of a cardboard box [cm] : 60

Volume of a cardboard box [m³] : 0.06105



MILED0 (kat 31398) GRUN NV LED-20-B-SE / LDC (Polar)

Luminaire: MILED0 (kat 31398) GRUN NV LED-20-B-SE  
Lamps: 1 x GRUN NV LED-20-B



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