

BEGA**77 632**

Surface-mounted floodlight

IP 67

Project · Reference number

Date

Product data sheet**Application**

Portable surface-mounted LED floodlight with connecting cable and power plug.
Wide beam light distribution directed upwards for effective illumination of trees, bushes and other objects.
If installed in front of a wall these floodlights can create also effective rays of light.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
Clear safety glass
Silicone gasket
Reflector made of pure anodised aluminium
Factory wired with 5 m cable H05RN-F 3 G 1[□] with power plug which is partly rollable under the luminaire
LED power supply unit
220-240 V \sim 0/50-60 Hz
Safety class I
Protection class safety plug IP X4
Protected against splash water
Protection class luminaire IP 67
Dust tight and protection against temporary immersion
Impact strength IK08
Protection against mechanical impacts < 5 joule
CE – Conformity mark
Weight: 2.6 kg

Inrush current

Inrush current: 7 A / 26 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B10A: 27 luminaires
B16A: 45 luminaires
C10A: 46 luminaires
C16A: 75 luminaires

Light technique

Symmetrical wide beam light distribution
Half beam angle 28°

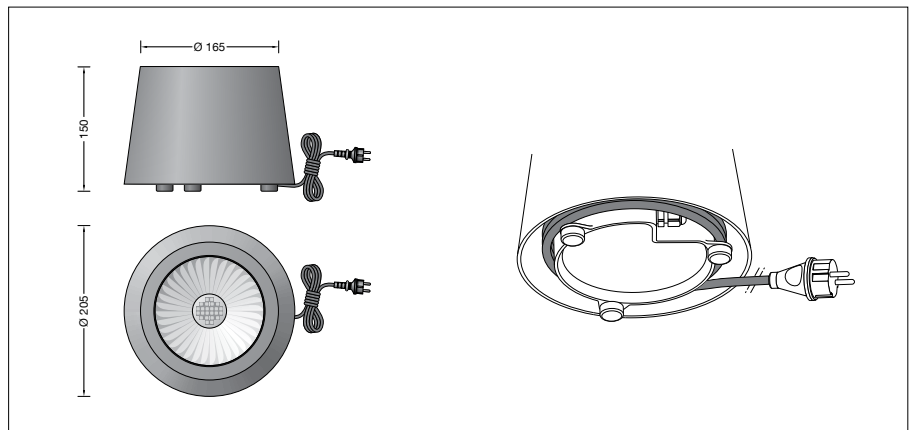
Lamp

Module connected wattage	15.5 W
Luminaire connected wattage	18.8 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 45^\circ\text{C}$

On request we can offer you modifications for environments with higher temperatures as a customized product.

77 632 K3

Module designation	LED-0310/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	3005 lm
Luminaire luminous flux	2136 lm
Luminaire luminous efficiency	113,6 lm/W

**Service life · Ambient temperature**

Rated temperature $t_a = 25^\circ\text{C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L80B50) 100,000 h (L90B50)

Ambient temperature $t_{a\text{ max}} = 45^\circ\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	190,000 h (L80B50) 100,000 h (L90B50)

Accessories

For the electrical connection, we recommend the BEGA connecting pillars with safety sockets. You can find them on our website at www.bega.com.

Light distribution