

BEGA**77 625**

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
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 ~ 0/50-60 Hz
DC 176-280 V
BEGA Thermal Switch®
Temporary thermal shutdown to protect temperature-sensitive components
Safety class I
Protection class IP 67
Dust-tight and protection against temporary immersion
Impact strength IK10
Protection against mechanical impacts < 20 joule
CE – Conformity mark
Weight: 2.0 kg

Inrush current

Inrush current: 20 A / 80 μs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 35 luminaires
B 16A: 56 luminaires
C 10A: 58 luminaires
C 16A: 94 luminaires

Lamp

Module connected wattage	7.9 W
Luminaire connected wattage	9.4 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 50\text{ °C}$

77 625 K3

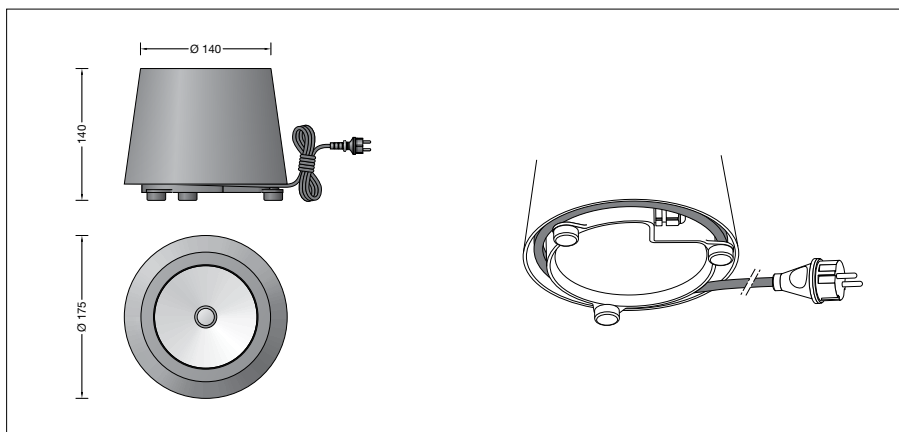
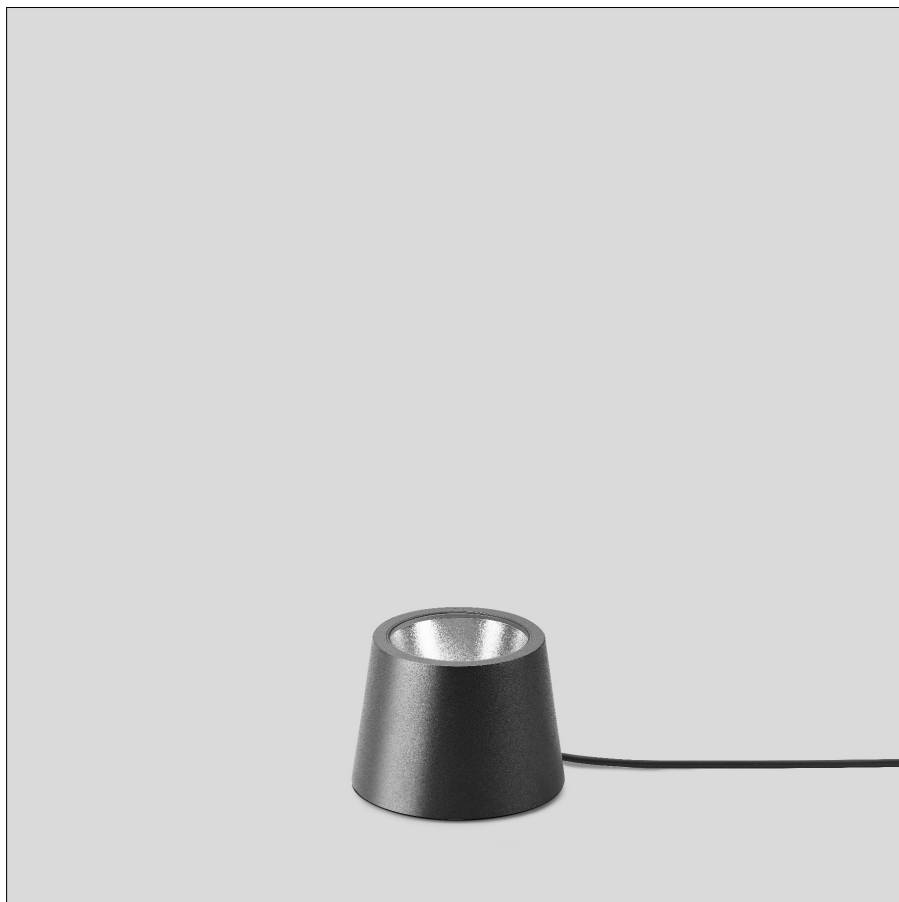
Module designation	LED-0733/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1125 lm
Luminaire luminous flux	857 lm
Luminaire luminous efficiency	91,2 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50)
	100,000 h (L 90 B 50)

Ambient temperature $t_{a\text{ max}} = 50\text{ °C}$ (100 %)

LED psu:	50,000 h
LED module:	180,000 h (L 80 B 50)



Lighting technology

Very narrow beam rotationally symmetrical light distribution.
Half beam angle 17°
Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at www.bega.com.

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

