

BEGA**84 366**

Floodlight



Project · Reference number

Date

Product data sheet

Application

LED floodlight with broad spread light distribution for permanent installation of interior and exterior lighting applications. For floodlighting plants, walls and other surfaces and for various lighting tasks in the private sector.

Product description

Floodlight made of glass-fibre reinforced polyamide
 Clear safety glass
 Reflector surface made of pure aluminium
 Rotation range of floodlight 350°
 Swivel range -15°/+90°
 No tools are needed to adjust the operating position
 Mounting box with 2 fixing holes
 \varnothing 5 mm · 60 mm spacing
 2 cable entries for through-wiring of mains supply cable \varnothing 7-10.5 mm
 Connecting terminals
 and earth conductor terminal 2,5²
 LED power supply unit
 100-240 V \sim 0/50-60 Hz
 DC 80-310 V
 BEGA Thermal Switch®
 Temporary thermal shutdown to protect temperature-sensitive components
 Safety class I
 Protection class IP 65
 Dust-tight and protection against water jets
 Impact strength IK07
 Protection against mechanical impacts < 2 joule
 – Safety mark
 – Conformity mark
 Wind catching area: 0.018 m²
 Weight: 0.7 kg

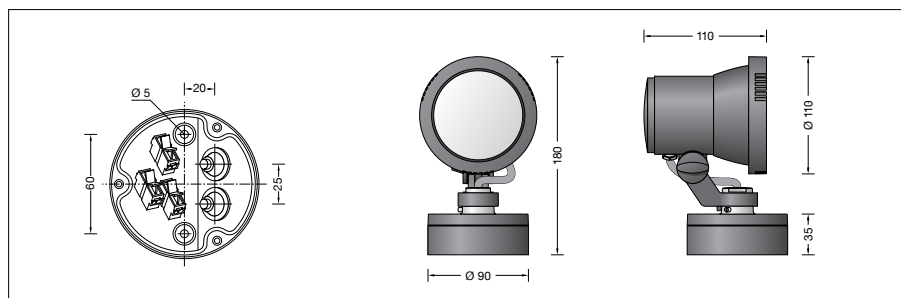
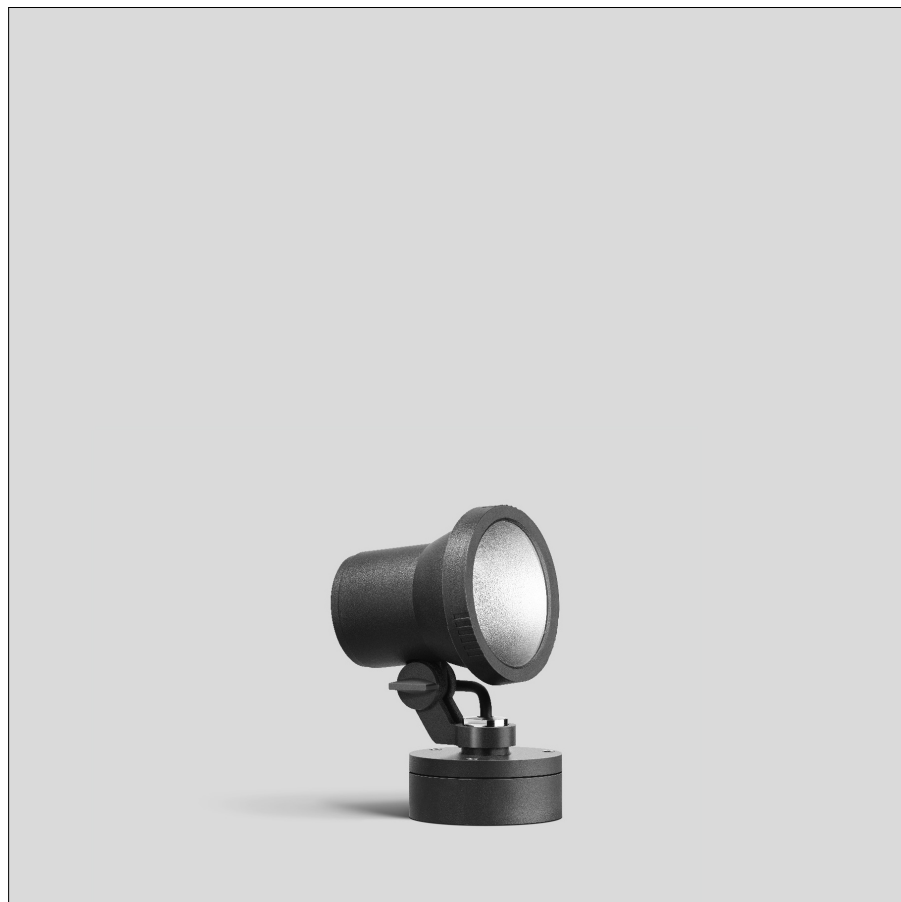
Lamp

Module connected wattage	5 W
Luminaire connected wattage	6.5 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 35^\circ\text{C}$

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

84 366 K3

Module designation	LED-0753/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	590 lm
Luminaire luminous flux	440 lm
Luminaire luminous efficiency	67,7 lm/W



Service life · Ambient temperature

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

Ambient temperature $t_{a\text{ max}} = 35^\circ\text{C}$ (100 %)
 LED psu: 50,000 h
 LED module: 180,000 h (L 80 B 50)

Inrush current

Inrush current: 14 A / 130 μs
 Maximum number of luminaires of this type per miniature circuit breaker:

B 10A:	29 luminaires
B 16A:	48 luminaires
C 10A:	46 luminaires
C 16A:	76 luminaires

Lighting technology

Half beam angle 36°
 Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and interior lighting as well as luminaire data in EULUMDAT and IES format are available on our website www.bega.com.

Light distribution

