BEGA

84 360

Floodlight

IP 65

Project · Reference number	Date

Product data sheet

Application
LED floodlight for broad spread light distribution.
Floodlight with mounting box for permanent installation on a wall, under a ceiling or on a pillar.
The used LED technique offers durability and optimal light output with low power consumption at the same time.

Product description
Floodlight made of glass-fibre reinforced polyamide
Safety glass with optical structure
Silicone gasket
Reflector made of pure anodised aluminium
Rotation range of floodlight 350°
Swivel range -30°/+120°
No tools are needed to adjust the operating position
2 cable entries for through-wiring of mains supply cable ø 7-10,5 mm,
max. 3 G 1.5$^\square$
Connecting terminals 2.5$^\square$
Earth conductor connection
LED-Module for mains voltage
220-230 V $\sim$ 50/60 Hz
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK07
Protection against mechanical impacts < 2 joule
$C\!E$ – Conformity mark
Weight: 0.85 kg

Light technique
Broad spread light distribution.
Half beam angle 78/94°.
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 the BEGA website www.bega.com.

Lamp
Luminaire connected wattage	12 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a\,max} = 45$ °C

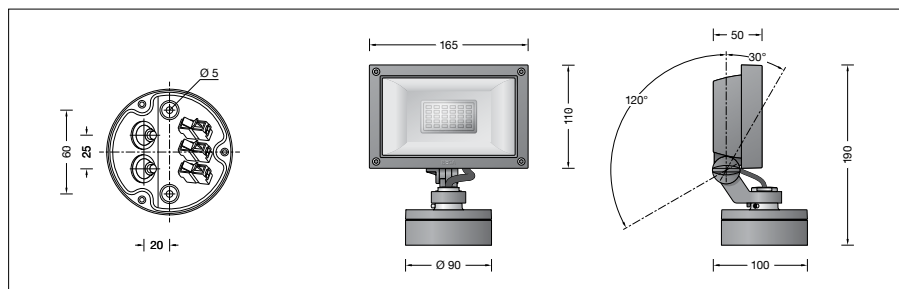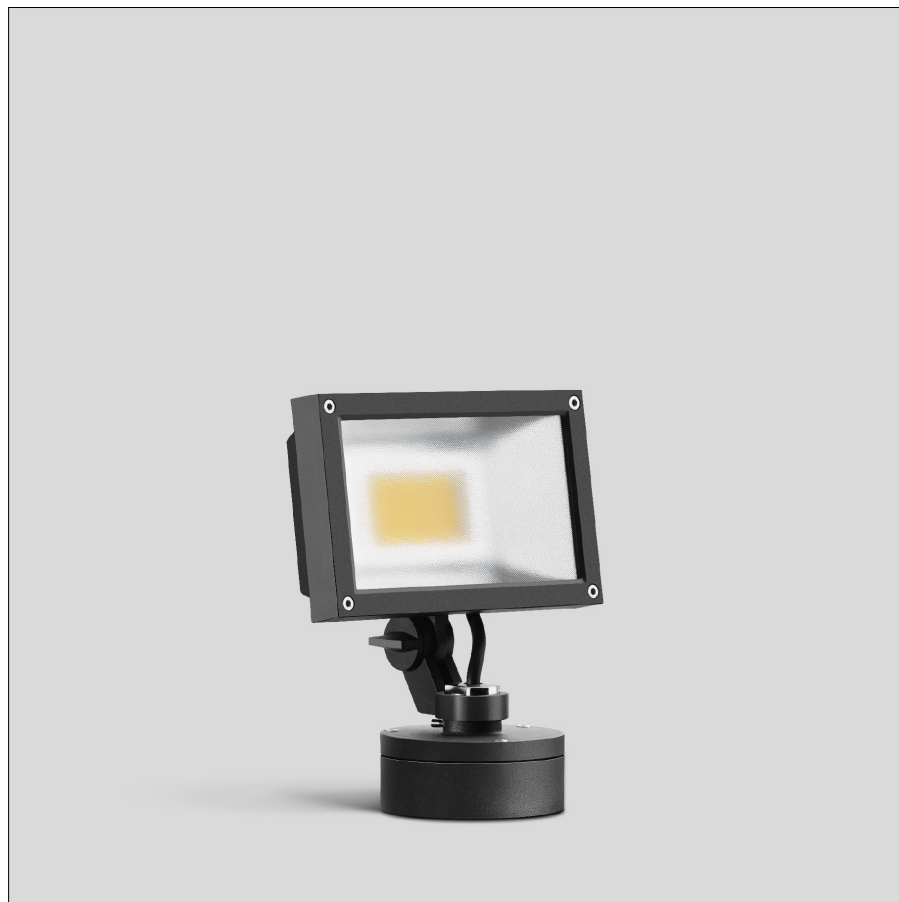|	
Module designation	LED-0607/830
Colour temperature	3000 K
Colour rendering index	$R_a > 80$
Module luminous flux	1080 lm
Luminaire luminous flux	904 lm
Luminaire luminous efficiency	75,3 lm / W

Lifetime of the LED
Ambient temperature $t_a = 15$ °C
– at 50,000 h: L70 B10
– at 78,000 h: L70 B50

Ambient temperature $t_a = 25$ °C
– at 50,000 h: L70 B50
– at 68,000 h: L70 B50

max. ambient temperature $t_a = 45$ °C
– at 50,000 h: L70 B50
– at 52,000 h: L70 B50

Accessories
70 500 Shield
The attachable shield screens the light upwards or downwards.

A separate instructions for use can be provided upon request.