

BEGA**84 360**

Floodlight



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.
For a variety of interior and exterior lighting applications.

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 \varnothing 7-10,5 mm
Connecting terminals 2,5 □
Earth conductor connection
LED-Module for mains voltage 220-230 V ~ 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
☞ 10 ☞ – Safety mark
CE – Conformity mark
Wind catching area: 0.02 m²
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 indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at www.bega.com.

Lamp

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

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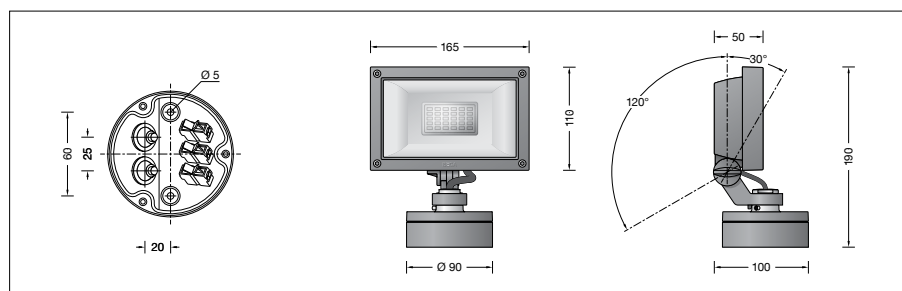
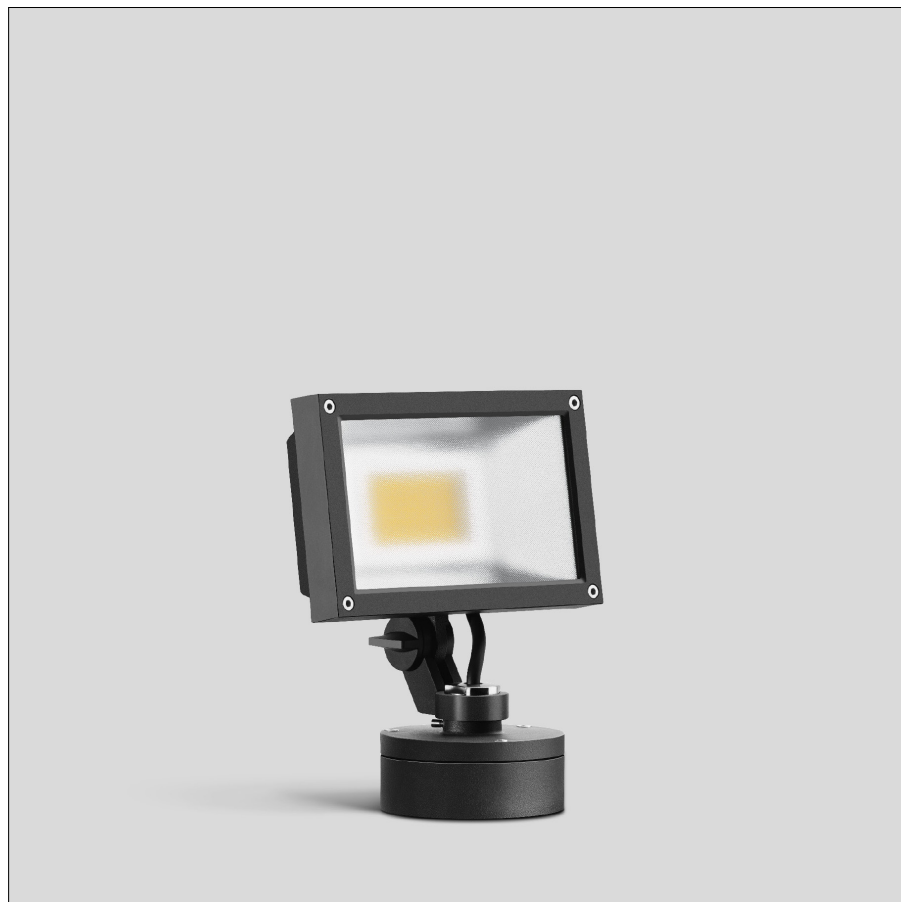
| | |
|-------------------------------|--------------|
| Module designation | LED-0607/830 |
| Colour temperature | 3000 K |
| Colour rendering index | $R_a > 80$ |
| Module luminous flux | 1080 lm |
| Luminaire luminous flux | 904 lm |
| Luminaire luminous efficiency | 75,3 lm/W |

Service life of the LED

Ambient temperature $t_a = 25\text{ °C}$
– at 68,000 h: L70 B50
max. ambient temperature $t_a = 45\text{ °C}$
– 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.



Light distribution

