

BEGA**84 408**

Performance floodlight

IP 65

Project · Reference number

Date

Product data sheet**Application**

LED performance floodlight with mounting box in compact design.
For a variety of interior and exterior lighting applications.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
BEGA Unidure® coating technology
Clear safety glass
Silicone gasket
Reflector surface made of pure aluminium
Inside louvre made of glass-fibre reinforced polyamide
Rotation range of floodlight 350°
Swivel range -30°/+90°
Mounting box with 2 fixing holes
ø 4.5 mm · 67 mm spacing
2 cable entries for through-wiring of mains supply cable ø 7-10.5 mm, max. 5G1.5[□]
Connecting terminal 2.5[□] with plug connection
Earth conductor connection
LED power supply unit
220-240 V ~ 0/50-60 Hz
DC 170-280 V
DALI controllable
A basic isolation exists between power cable and control line
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 IK09
Protection against mechanical impacts < 10 joule
CE – Conformity mark
Wind catching area: 0.03 m²
Weight: 2.8 kg

Lamp

Module connected wattage	12.8 W
Luminaire connected wattage	16.4 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 35\text{ °C}$

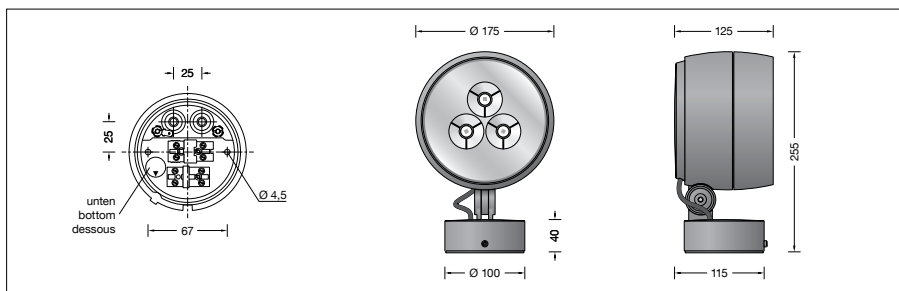
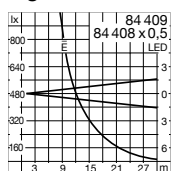
On request we can offer you modifications for environments with higher temperatures as a customized product.

84 408 K3

Module designation	LED-0965/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1770 lm
Luminaire luminous flux	483 lm
Luminaire luminous efficiency	29,5 lm/W

84 408 K4

Module designation	LED-0965/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1820 lm
Luminaire luminous flux	497 lm
Luminaire luminous efficiency	30,3 lm/W

Light distribution**Service life · Ambient temperature**

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

Ambient temperature $t_{a\text{ max}} = 35\text{ °C}$ (100 %)
LED psu: 50,000 h
LED module: > 200,000 h (L80B50)
100,000 h (L90B50)

Light technique

Floodlight with narrow beam rotationally symmetrical light distribution with integrated louvre for stray light suppression.
Half beam angle 5°
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.

Inrush current

Inrush current: 10 A / 200 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B10A: 18 luminaires
B16A: 30 luminaires
C10A: 31 luminaires
C16A: 51 luminaires

Article No. 84 408

LED colour temperature optionally 3000 K or 4000 K
3000 K – Article number + **K3**
4000 K – Article number + **K4**

Colour graphite or silver
graphite – article number
silver – article number + **A**

Accessories

71 111 Shield

For the accessories a separate instructions for use can be provided upon request.