

BEGA**84 369**

Compact floodlight



Project · Reference number

Date

Product data sheet

Application

LED compact floodlight with mounting box for permanent installations on a wall, under a ceiling or on a pillar.

The floodlight can be controlled by DALI colour light control (DT8, RGBWAF).

We recommend our BEGA Control system for this purpose.

Product description

Luminaire made of aluminium alloy,

aluminium and stainless steel

Safety glass with optical structure

Silicone gasket

Reflector surface made of pure aluminium

Rotation range of floodlight 350°

Swivel range -15°/+90°

Mounting box with 2 fixing holes

ø 6.5 mm · 160 x 48 mm spacing

2 cable entries for through-wiring of mains

supply cable ø 7-10,5 mm, max. 5 G 1.5[□]

Connecting terminal 2.5[□]

Earth conductor connection

LED power supply unit

220-240 V ~ 0/50-60 Hz

DC 176-280 V

Safety class I

Protection class IP 65

Dust-tight and protection against water jets

– Safety mark

– Conformity mark

Wind catching area: 0.02 m²

Weight: 1.8 kg

Inrush current

Inrush current: 5 A / 50 µs

Maximum number of luminaires of this type per miniature circuit breaker:

B 10A: 31 luminaires

B 16A: 50 luminaires

C 10A: 52 luminaires

C 16A: 85 luminaires

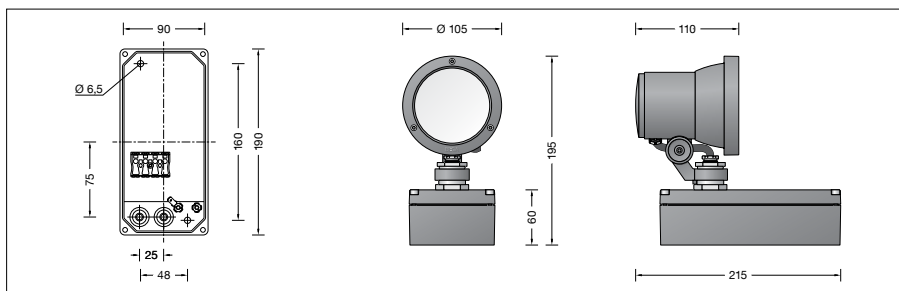
Light technique

Broad spread light distribution.

Half beam angle 60°

By changing the diffuser lens it is possible to alter the symmetrical light distribution into a flat beam light distribution.

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

Module connected wattage

11.2 W

Luminaire connected wattage

14.5 W

Rated temperature

$t_a = 25\text{ °C}$

Ambient temperature

$t_{a\text{ max}} = 50\text{ °C}$

Module designation

LED-0820/RGBW

Luminaire luminous flux

723 lm

Luminaire luminous efficiency

49,9 lm/W

Lifetime of the LED

Ambient temperature $t_a = 15\text{ °C}$

– at 50,000 h: L 80 B 10

– at 85,000 h: L 70 B 50

Ambient temperature $t_a = 25\text{ °C}$

– at 50,000 h: L 80 B 10

– at 85,000 h: L 70 B 50

max. ambient temperature $t_a = 50\text{ °C}$

– at 50,000 h: L 80 B 10

– at 84,000 h: L 70 B 50

Article No. 84 369

Colour graphite or silver

graphite – article number

silver – article number + **A**

Accessories

70 755 Shield

70 050 Exchangeable lens flat beam

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