

BEGA**84 371**

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 · 210 x 62 mm spacing
 2 cable entries for through-wiring of mains supply cable ø 7-10.5 mm, max. 5 G 1.5[□]
 Connection terminal 2.5[□]
 Earth conductor connection
 LED power supply unit
 220-240 V ~ 0/50-60 Hz
 DALI controllable
 A basic isolation exists between power cable and control line
 Safety class I
 Protection class IP 65
 Dust-tight and protection against water jets
 Impact strength IK06
 Protection against mechanical impacts < 1 joule
 – Safety mark
 – Conformity mark
 Wind catching area: 0.037 m²
 Weight: 3.4 kg

Inrush current

Inrush current: 19 A / 184 µs
 Maximum number of luminaires of this type per miniature circuit breaker:

B 10A: 26 luminaires
 B 16A: 42 luminaires
 C 10A: 43 luminaires
 C 16A: 70 luminaires

Lamp

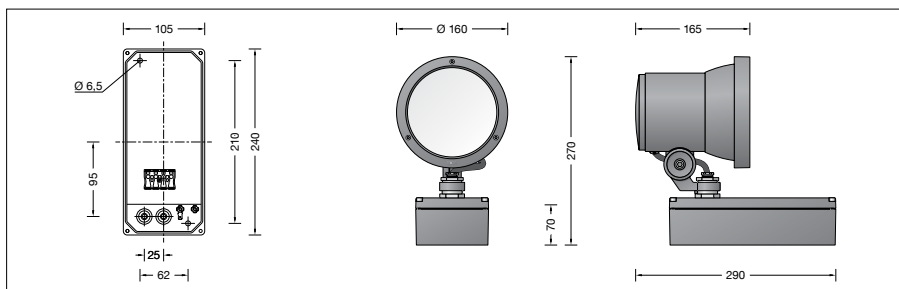
Module connected wattage	25.2 W
Luminaire connected wattage	28.5 W
Rated temperature	t _a = 25 °C
Ambient temperature	t _{a max} = 45 °C

Module designation	LED-0821/RGBW
Luminaire luminous flux	1470 lm
Luminaire luminous efficiency	51,6 lm/W

Service life of the LED

Ambient temperature t_a = 25 °C
 – at 320,000h: L70B50

max. ambient temperature t_a = 45 °C
 – at 210,000h: L70B50



Light technique

Broad spread light distribution.
 Half beam angle 39°
 By changing the diffuser lense 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 indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at www.bega.com.

Article No. 84371

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

Accessories

70 757 Shield
70 060 Exchangeable lens flat beam

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