

**BEGA****84 370**

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. 5G 1.5<sup>2</sup>  
Connection terminal 2.5<sup>2</sup>  
Earth conductor connection  
LED power supply unit  
220-240 V ~ 0/50-60 Hz  
DC 176-280 V  
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: 0.027 m<sup>2</sup>  
Weight: 2.3 kg

### Inrush current

Inrush current: 5 A / 50 µs  
Maximum number of luminaires of this type per miniature circuit breaker:  
B10A: 31 luminaires  
B16A: 50 luminaires  
C10A: 52 luminaires  
C16A: 85 luminaires

### Lamp

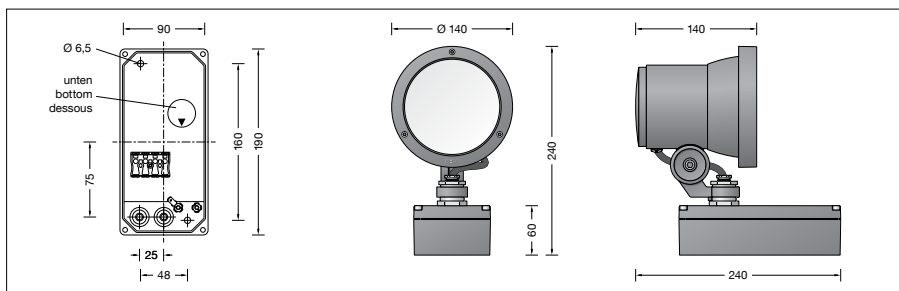
|                             |                                   |
|-----------------------------|-----------------------------------|
| Module connected wattage    | 17.4 W                            |
| Luminaire connected wattage | 20 W                              |
| Rated temperature           | $t_a = 25\text{ °C}$              |
| Ambient temperature         | $t_{a\text{ max}} = 30\text{ °C}$ |

|                               |               |
|-------------------------------|---------------|
| Module designation            | LED-0821/RGBW |
| Luminaire luminous flux       | 1108 lm       |
| Luminaire luminous efficiency | 55,4 lm/W     |

### Service life of the LED

Ambient temperature  $t_a = 25\text{ °C}$   
– at 370,000h: L70B50

max. ambient temperature  $t_a = 30\text{ °C}$   
– at 340,000h: L70B50



### Light technique

Broad spread light distribution.  
Half beam angle 43°  
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 indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at [www.bega.com](http://www.bega.com).

### Article No. 84370

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

### Accessories

**70 756** Shield  
**70 055** Exchangeable lens flat beam

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