

**BEGA****84 362**

Compact floodlight

IP 65

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

Clear safety glass

Safety glass with optical structure

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<sup>□</sup>

Connection terminal 2.5<sup>□</sup>

Earth conductor connection

LED power supply unit

220-240 V ~ 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 IK08

Protection against mechanical

impacts < 5 joule

CE – Conformity mark

Weight: 5.6 kg

**Light technique**

Broad spread light distribution.

Half beam angle 48°

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](http://www.bega.com).

**Lamp**

Module connected wattage 45.4 W

Luminaire connected wattage 58 W

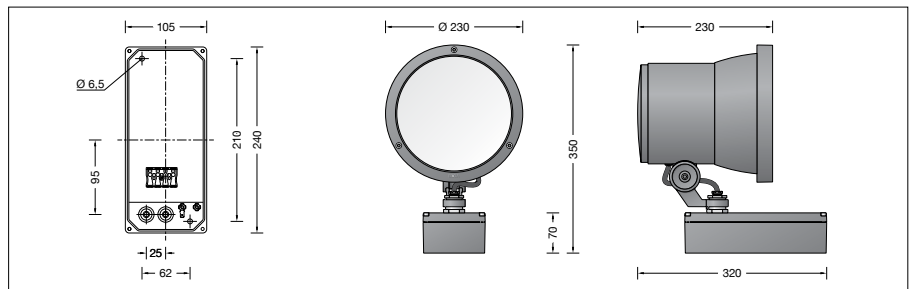
Rated temperature  $t_a = 25\text{ °C}$

Ambient temperature  $t_{a,max} = 35\text{ °C}$

Module designation LED-0715/RGBW

Luminaire luminous flux 2919 lm

Luminaire luminous efficiency 50,3 lm/W

**Service life of the LED**

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

– at 84,000h: L70B50

max. ambient temperature  $t_a = 35\text{ °C}$

– at 84,000h: L70B50

**Inrush current**

Inrush current: 29 A / 220  $\mu$ s

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

B10A: 11 luminaires

B16A: 18 luminaires

C10A: 19 luminaires

C16A: 30 luminaires

**Article No. 84 362**

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

**Accessories**

**70 065** Exchangeable lens flat beam

**70 758** Shield

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