

BEGA**84 533**

Surface floodlight RGBW · ZigBee

IP 65

Project · Reference number

Date

Product data sheet

Application

LED Surface floodlight with mounting box for additive colour mixing RGBW.
The floodlight can be controlled by ZigBee colour light control (Color Control).
We recommend our BEGA Control system for this purpose.

Product description

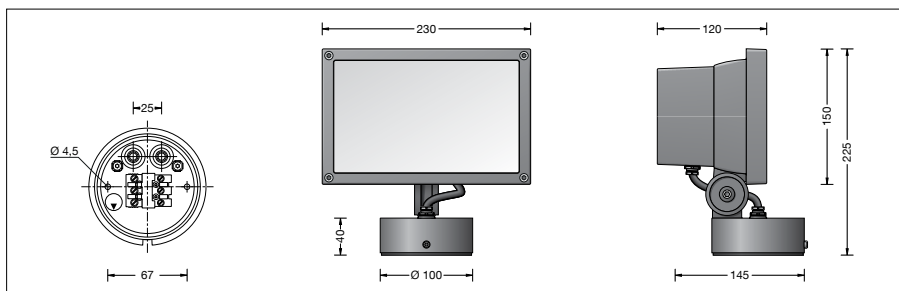
Luminaire made of aluminium alloy, aluminium and stainless steel
Safety glass with optical structure
Silicone gasket
Reflector surface made of pure aluminium
Rotation range of floodlight 350°
Swivel range -35°/+90°
Mounting box with 2 fixing holes
ø 4.5 mm · 67 mm spacing
2 cable entries for through-wiring of mains supply cable ø 7-10,5 mm, max. 3G1.5[□]
Connecting terminal 2.5[□] with plug connection
Earth conductor connection with integral ZigBee radio module.
Power level: +8 dBm
Radio frequency 2.4 GHz
Can be used as a router or coordinator in ZigBee networks
Home Automation Profile 1.2.1
LED power supply unit
220-240 V ~ 50-60 Hz
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: 2.8 kg

Inrush current

Inrush current: 24 A / 275 µs
Maximum number of luminaires of this type per miniature circuit breaker:
B10A: 11 luminaires
B16A: 18 luminaires
C10A: 19 luminaires
C16A: 31 luminaires

Light technique

Broad spread light distribution.
Half beam angle 85/95°.
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	19.4 W
Luminaire connected wattage	24 W
Rated temperature	$t_a = 25 \text{ }^\circ\text{C}$
Ambient temperature	$t_{a \text{ max}} = 35 \text{ }^\circ\text{C}$

Module designation	LED-0347/RGBW
Luminaire luminous flux	1525 lm
Luminaire luminous efficiency	63,5 lm/W

Lifetime of the LED

Ambient temperature $t_a = 15 \text{ }^\circ\text{C}$
– at 50,000 h: L90 B10
– at 240,000 h: L70 B50

Ambient temperature $t_a = 25 \text{ }^\circ\text{C}$
– at 50,000 h: L80 B10
– at 140,000 h: L70 B50

max. ambient temperature $t_a = 35 \text{ }^\circ\text{C}$
– at 50,000 h: L80 B10
– at 95,000 h: L70 B50

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Colour optionally graphite, white or silver
Graphite – Article number
White – Article number + **W**
Silver – Article number + **A**

Accessories

70 502 Shield
The attachable shield screens the light upwards or downwards.

A separate instructions for use can be provided upon request.