

**BEGA****84 349**

Performance floodlight RGBW

IP 65

Project · Reference number

Date

## Product data sheet

### Application

LED performance floodlight with mounting box in compact design for additive colour mixing RGBW.

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

We recommend our BEGA Control system for this purpose.

### Product description

Luminaire made of aluminium alloy,

aluminium and stainless steel

BEGA Unidure® coating technology

Silicone gasket

Safety glass with optical structure

BEGA Vortex Optics®

Reflector surface made of pure aluminium

Rotation range of floodlight 350°

Swivel range -90°/+90°

Mounting box with 2 fixing holes

ø 5.5 mm · 85 mm spacing

2 cable entries for through-wiring of mains

supply cable ø 7-10.5 mm, max. 5 G 1.5<sup>2</sup>

Connecting terminal 2.5<sup>2</sup>

with plug connection

Earth conductor connection

LED power supply unit

220-240 V ~ 0/50-60 Hz

DC 176-264 V

DALI controllable

A basic isolation exists between power cable and control line

BEGA Thermal Control®

Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire

Safety class I

Protection class IP 65

Dust-tight and protection against water jets

Impact strength IK09

Protection against mechanical

impacts < 10 joule

CE – Conformity mark

Wind catching area: 0.09 m<sup>2</sup>

Weight: 5.5 kg

### Inrush current

Inrush current: 5 A / 100 µs

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

B10A: 11 luminaires

B16A: 17 luminaires

C10A: 11 luminaires

C16A: 17 luminaires

### Lamp

Module connected wattage 94.4 W

Luminaire connected wattage 105 W

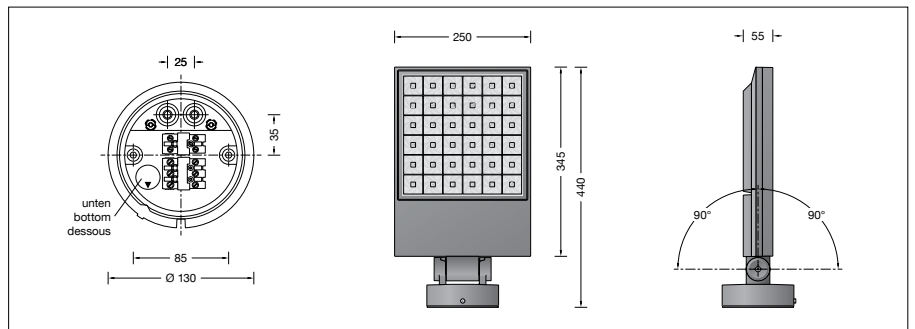
Rated temperature  $t_a = 25\text{ °C}$

Ambient temperature  $t_{a\text{ max}} = 30\text{ °C}$

Module designation LED-1023/RGBW

Luminaire luminous flux 6156 lm

Luminaire luminous efficiency 58,6 lm/W



### Service life · Ambient temperature

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

LED psu: > 50,000 h

LED module: 190,000 h (L80 B50)

Ambient temperature  $t_{a\text{ max}} = 30\text{ °C}$  (100 %)

LED psu: 50,000 h

LED module: 170,000 h (L80 B50)

### Article No. 84 349

Colour graphite or silver

graphite – article number

silver – article number + A

### Light technique

Broad spread light distribution.

Half beam angle 39°

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).