

Project · Reference number

Date

Product data sheet

Application

LED façade floodlights with asymmetrical light distribution for additive colour mixing RGBW. The attack angle of the luminaires is adjustable in 2° steps from -8° to 8°.

The luminaires can be installed side by side to form a continuous light strip. Simple 5-pole plug-in connectors are used for the electrical connection to the next luminaire.

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

We recommend our BEGA Control system for this purpose.

Product description

Floodlight made of aluminium alloy, aluminium and stainless steel

Clear safety glass

Silicone gasket

Reflector made of pure anodised aluminium

Attack angle adjustable in 2° steps

from -8° to 8°

2 mounting holes \varnothing 7 mm

Distance apart 875 mm

0,5 m cable with 5-pole plug-in connector

LED power supply unit

220-240 V \sphericalangle 0/50-60 Hz

DC 176-264 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

CE – Conformity mark

Weight: 5.8 kg

Inrush current

Inrush current: 5 A / 100 μ s

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

B 10A: 42 luminaires

B 16A: 68 luminaires

C 10A: 42 luminaires

C 16A: 68 luminaires

Lighting technology

Asymmetrical light distribution

Half beam angle 46/77°

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.

Lamp

Module connected wattage 25.4 W

Luminaire connected wattage 30 W

Rated temperature $t_a = 25^\circ\text{C}$

Ambient temperature $t_{a\text{max}} = 45^\circ\text{C}$

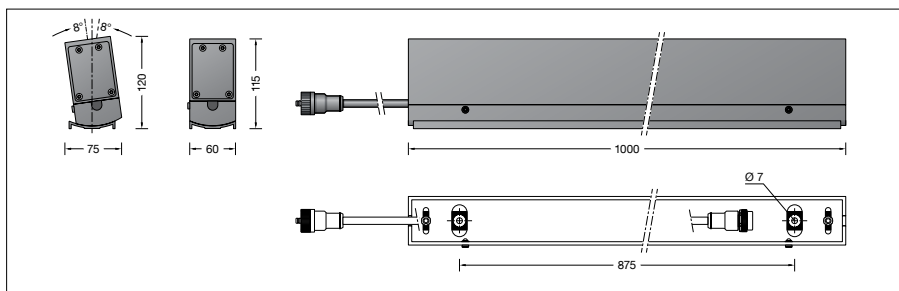
Module designation 2x LED-0921/RGBW

Module luminous flux 2330 lm

Luminaire luminous flux* 1050 lm

Luminaire luminous efficiency* 35 lm/W

* preliminary data



Service life of the LED

Ambient temperature $t_a = 25^\circ\text{C}$

– at > 500,000h: L70B50

max. ambient temperature $t_a = 45^\circ\text{C}$

– at 167,000h: L70B50

Ambient temperature $t_{a\text{max}} = 50^\circ\text{C}$ (72 %)

LED psu: 50,000h

LED module: 50,000h

BEGA Thermal Control® protects temperature-sensitive luminaire components by temporarily limiting the nominal power at high temperatures.

Article No. 84 178

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

Accessories

70 555 Connection housing

71 037 Connection cable 2 m

70 556 Connection cable 5 m

70 557 Connection cable 10 m

71 036 Wall outrigger arm

71 064 Connection housing for wall
outrigger arm

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