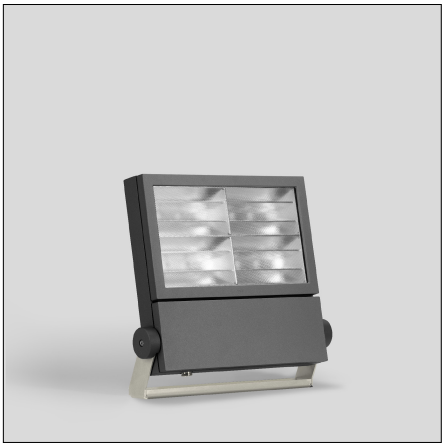
BEGA 84 531

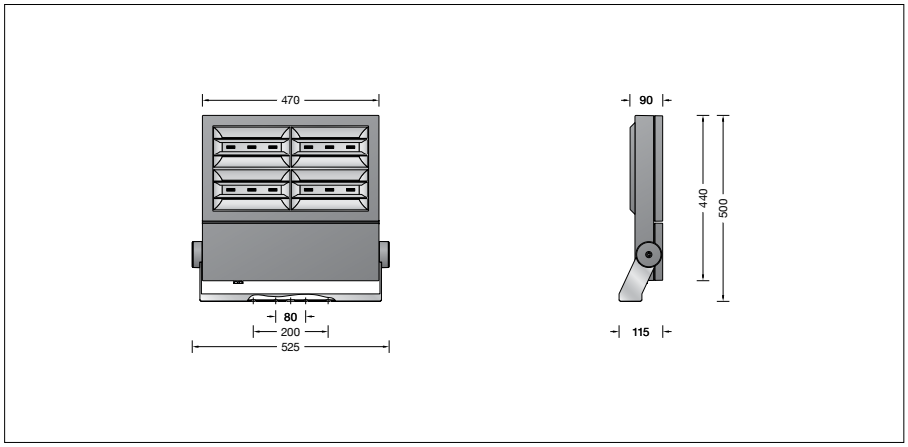
High-performance floodlight RGBW

IP 67

Project · Reference number

Date





Product data sheet

Product description
Floodlight made of aluminium alloy, aluminium and stainless steel
Safety glass with optical structure
Silicone gasket
Reflector made of pure anodised aluminium
Swivel range 180°
Mounting bracket made of stainless steel
Steel grade no. 1.4301 with
1 central drilling ø 22 mm and
2 fixing holes ø 9 mm · 80 mm spacing
2 fixing holes ø 11.5 mm · 200 mm spacing
2 screw cable glands with strain relief for through-wiring of the mains supply cable from ø 7,5-15 mm
1 screw cable gland closed at the factory with a dummy plug
Connecting terminal and earth conductor terminal 2.5□
Integrated changeover switch for the manually limitation of the luminous flux or power reduction via connected control cable with three adjustable outputs of 70 % · 50 % · 30 %
LED power supply unit
220-240 V ∿ 0/50-60 Hz
DC 176-264 V
During DC operation the LED power is reduced to 50 %
DALI controllable
A basic isolation exists between power cable and control line
Safety class I
Protection class IP 67
Dust-tight and protection against temporary immersion
Impact strength IK08
Protection against mechanical impacts < 5 joule
– Safety mark
CE – Conformity mark
Wind catching area: 0.21 m²
Weight: 17.2 kg

Application
LED high-performance floodlight with flat beam light distribution 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.
For a variety of interior and exterior lighting applications.

Lamp

Module connected wattage	169.2 W
Luminaire connected wattage	192.3 W
Rated temperature	t_a = 25 °C
Ambient temperature	$t_{a\,max}$ = 40 °C
Module designation	LED-0807/RGBW
Luminaire luminous flux	11069 lm
Luminaire luminous efficiency	57,6 lm/W

Service life of the LED
Ambient temperature t_a = 25 °C
– at 280,000 h: L70B50

max. ambient temperature t_a = 40 °C
– at 210,000 h: L70B50

Light technique
Floodlight with flat beam light distribution.
Half beam angle 26/73°
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.

Accessories
Mounting box and mounting base for permanent mounting of floodlights on pillars, walls and ceilings
70 225 Mounting box IP 65
70 348 Mounting box IP 55
70 208 Mounting base h = 120 mm

Pole caps for mounting a floodlight on a pole
70 342 Pole cap for ø 76 mm
70 343 Pole cap for ø 89 mm

Pole caps for mounting 1-2 outrigger arms on top of a steel pole
70 387 Pole cap for pole ø 76 mm
70 388 Pole cap for pole ø 89 mm

Cross beams for floodlights for mounting on walls, under ceilings or on the floor
70 761 Cross beam for 3 floodlights

71 108 Shield
The shield can be screwed on and prevents lateral glare from one direction up to an angle of 45°.

71 106 Louvre
The internal louvre prevents looking from a lateral angle up to 45° into the luminaire from all directions.

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