BEGA

84 530

High-performance floodlight RGBW

⬙⬙10 ⬙ IP 67

Project · Reference number	Date
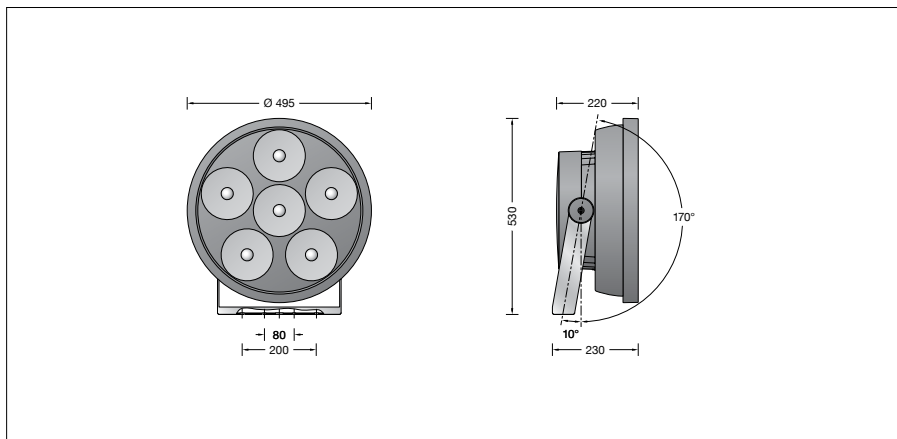
Product data sheet

Application
LED high-performance floodlight
with wide 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.

Product description
Floodlight made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
Clear safety glass
Silicone gasket
Reflector surface made of pure aluminium
Swivel range -10°/+170°
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
1 screw cable gland for mains supply cable
from ø 7,5-15 mm
Integrated changeover switch for the limitation
of the luminous flux to 70 % · 50 % · 30 %
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
Safety class I
Protection class IP 67
Dust-tight and protection against temporary
immersion
Impact strength IK08
Protection against mechanical
impacts < 5 joule
⬙⬙10 ⬙ – Safety mark
C E – Conformity mark
Wind catching area: 0.2 m²
Weight: 19.9 kg

Lamp
Module connected wattage	236.4 W
Luminaire connected wattage	260 W
Rated temperature	$t_a = 25\ °C$
Ambient temperature	$t_{a\ max} = 25\ °C$
Module designation	6x LED-0871/RGBW
Luminaire luminous flux	16049 lm
Luminaire luminous efficiency	61,7 lm/W

Service life of the LED
max. ambient temperature t_a = 25 °C
– at   220,000 h: L70 B50

Light technique
Symmetrical wide beam light distribution
Half beam angle 47°
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.

Inrush current
Inrush current: 8 A / 100 μs
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A:	5 luminaires
B 16A:	8 luminaires
C 10A:	5 luminaires
C 16A:	8 luminaires

Article No. 84 530
Colour temperature 4000 K.
Also available with 3000 K or 2200K on request.
4000 K – article number + **K4**
3000 K – article number + **K3**
2200 K – article number + **K2**

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

Outrigger arm for the installation of one
floodlight at BEGA steel poles or on walls
70 391   Outrigger arm

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

Pole top attachments for multi-arrangement
of floodlights on a steel pole
70 762   Pole top attach. for 2 floodlights
70 763   Pole top attach. for 3 floodlights
70 764   Pole top attach. for 4 floodlights

Cross beams for floodlights for mounting on
walls, under ceilings or on the floor
70 761   Cross beam for 3 floodlights
70 765   Cross beam for 6 floodlights

71 071   Fixing of floodlight

71 101   Shield
The shield can be screwed on and prevents
lateral glare from one direction up to an angle
of 45°.

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