BEGA

84 519

High-performance floodlight

10 IP 67

Project · Reference number	Date
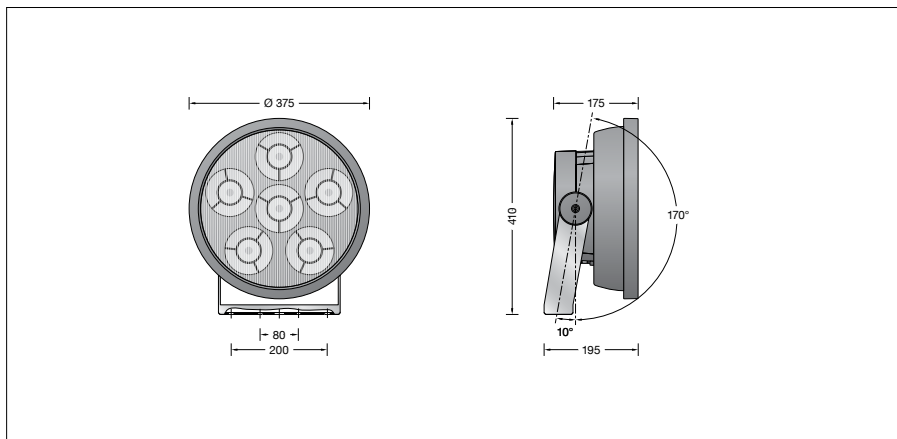
Product data sheet

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

Product description
Floodlight made of aluminium alloy,
aluminium and stainless steel
Safety glass with optical structure
Silicone gasket
Reflector surface made of pure aluminium
with integral silicone lens and louvre
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 7,5-12 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 176-288 V
During DC operation the LED power
is reduced to 10 %
DALI controllable
or
dimmable 1-10 V
Safety class I
Protection class IP 67
Dust-tight and protection against temporary
immersion
Impact strength IK09
Protection against mechanical
impacts < 10 joule
10 – Safety mark
CE – Conformity mark
Wind catching area: 0.12 m²
Weight: 11.3 kg

Lamp
Module connected wattage	124.8 W
Luminaire connected wattage	134 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a\,max} = 35$ °C

On request we can offer you modifications for
enviroments with higher temperatures as a
customized product.

84 519 K4
Module designation	6x LED-0867/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	20670 lm
Luminaire luminous flux	8428 lm
Luminaire luminous efficiency	62,9 lm/W

84 519 K3
Module designation	6x LED-0867/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	19800 lm
Luminaire luminous flux	8073 lm
Luminaire luminous efficiency	60,2 lm/W

84 519 K2
Module designation	6x LED-0867/622
Colour temperature	2200 K
Colour rendering index	CRI > 65
Module luminous flux	19590 lm
Luminaire luminous flux	7988 lm
Luminaire luminous efficiency	59,6 lm/W

Lifetime of the LED
Ambient temperature $t_a = 15$ °C
– at   50,000 h: L80 B10
– at 265,000 h: L70 B50

Ambient temperature $t_a = 25$ °C
– at   50,000 h: L80 B10
– at 220,000 h: L70 B50

max. ambient temperature $t_a = 35$ °C
– at   50,000 h: L80 B10
– at 180,000 h: L70 B50

Lighting technology
Half beam angle 12/55°
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.

Article No. 84 519
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

71 110 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.

Light distribution