

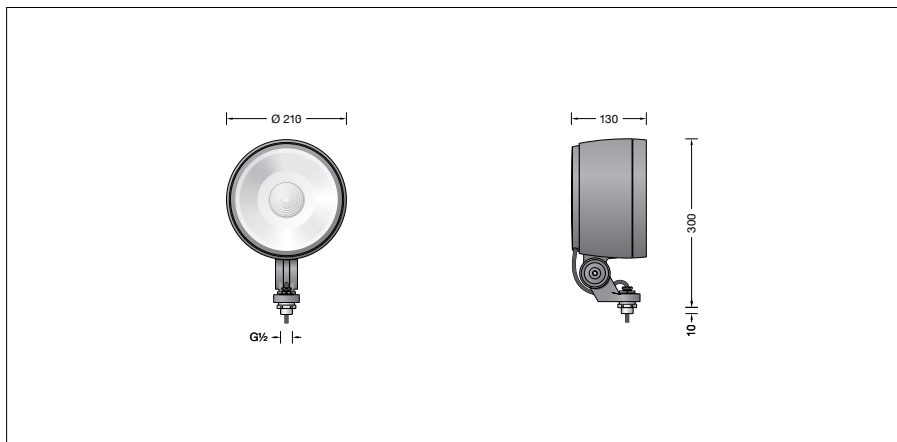
BEGA**84 226**

Floodlight

IP 65

Project · Reference number

Date



Product data sheet

Application

LED performance floodlight with G $\frac{1}{2}$ mounting bush in compact design.

The floodlight can be bolted together with any female thread G $\frac{1}{2}$ according to ISO 228 supplied by others or to BEGA accessories. For a variety of interior and exterior lighting applications.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 Clear safety glass · Silicone gasket
 Reflector surface made of pure aluminium
 Optical silicone lens · BEGA Hybrid Optics®
 Rotation range of floodlight 350°
 Swivel range -30°/+140°
 Mounting bracket with G $\frac{1}{2}$ threaded connection
 Thread length: 10 mm
 Connecting cable X05BQ-F 5 G 1[□]
 Cable length 1 m
 LED power supply unit
 220-240 V \sphericalangle 0/50-60 Hz
 DC 176-280 V
 During DC operation the LED power is reduced to 15 %
 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
 Wind catching area: 0.035 m²
 Weight: 4.4 kg

Lamp

Module connected wattage	60.3 W
Luminaire connected wattage	66 W
Rated temperature	$t_a = 25 \text{ }^\circ\text{C}$
Ambient temperature	$t_{a \text{ max}} = 35 \text{ }^\circ\text{C}$

84 226 K4

Module designation	LED-0442/940
Colour temperature	4000 K
Colour rendering index	CRI >90
Module luminous flux	9255 lm
Luminaire luminous flux	7038 lm
Luminaire luminous efficiency	106,6 lm/W

84 226 K3

Module designation	LED-0442/930
Colour temperature	3000 K
Colour rendering index	CRI >90
Module luminous flux	9115 lm
Luminaire luminous flux	6931 lm
Luminaire luminous efficiency	105 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25 \text{ }^\circ\text{C}$	
LED psu:	> 50,000 h
LED module:	145,000 h (L 80 B 50)
	100,000 h (L 80 B 50)

Ambient temperature $t_a \text{ max} = 35 \text{ }^\circ\text{C}$ (100 %)

LED psu:	50,000 h
LED module:	120,000 h (L 80 B 50)
	100,000 h (L 80 B 50)

Ambient temperature $t_a \text{ max} = 50 \text{ }^\circ\text{C}$ (65 %)

LED psu:	50,000 h
LED module:	50,000 h

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

Inrush current

Inrush current: 50 A / 209 μs
 Maximum number of luminaires of this type per miniature circuit breaker:

B 10A:	6 luminaires
B 16A:	10 luminaires
C 10A:	10 luminaires
C 16A:	16 luminaires

Lighting technology

Symmetrical narrow beam light distribution.
 Half beam angle 26°
 For special lighting tasks the symmetrical light cone can be changed to a flat beam light distribution by an additional the diffuser lens.
 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.

Article No. 84 226

LED colour temperature optionally 4000 K or 3000 K

4000 K – Article number + **K4**
 3000 K – Article number + **K3**

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

Accessories

71 121	Shield
71 122	Louvre
71 123	Exchangeable lens flat beam
70 214	Pole cap for pole \varnothing 48 mm
70 248	Pole cap for pole \varnothing 60 mm
70 245	Mounting box
70 252	Tree screw
70 280	Tube clamp G $\frac{1}{2}$
70 283	Screw clamp
70 379	Outrigger arm G $\frac{1}{2}$
70 889	Tension belt

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

Light distribution

