

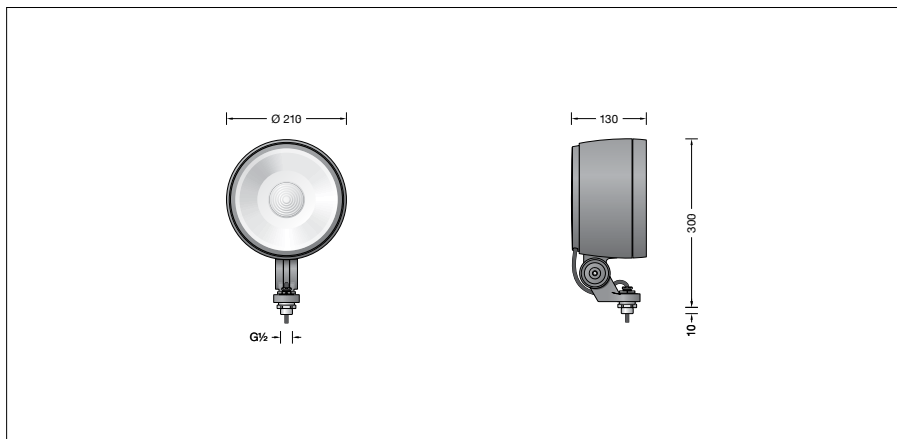
**BEGA****84 227**

Floodlight

IP 65

Project · Reference number

Date



## Product data sheet

### Application

LED performance floodlight with G½ mounting bush in compact design.  
The floodlight can be bolted together with any female thread G½ 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 G½ threaded connection  
Thread length: 10 mm  
Connecting cable X05BQ-F 5 G 1 □  
Cable length 1 m  
LED power supply unit  
220-240 V ~ 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  $t_a = 25\text{ °C}$   
Ambient temperature  $t_{a\text{max}} = 35\text{ °C}$

### 84 227 K4

Module designation LED-0442/940  
Colour temperature 4000 K  
Colour rendering index CRI > 90  
Module luminous flux 9255 lm  
Luminaire luminous flux\* 7030 lm  
Luminaire luminous efficiency\* 106,5 lm/W

### 84 227 K3

Module designation LED-0442/930  
Colour temperature 3000 K  
Colour rendering index CRI > 90  
Module luminous flux 9115 lm  
Luminaire luminous flux\* 6923 lm  
Luminaire luminous efficiency\* 104,9 lm/W

\* preliminary data

### Service life · Ambient temperature

Rated temperature  $t_a = 25\text{ °C}$   
LED psu: > 50,000 h  
LED module: 145,000 h (L80 B50)

Ambient temperature  $t_{a\text{max}} = 35\text{ °C}$  (100 %)

LED psu: 50,000 h  
LED module: 120,000 h (L80 B50)

Ambient temperature  $t_{a\text{max}} = 50\text{ °C}$  (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

### Light technique

Symmetrical wide beam light distribution  
Half beam angle 55°  
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](http://www.bega.com).

### Article No. 84 227

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  
**71 123** Exchangeable lens flat beam  
**70 214** Pole cap for pole ø 48 mm  
**70 248** Pole cap for pole ø 60 mm  
**70 245** Mounting box  
**70 252** Tree screw  
**70 280** Tube clamp G½  
**70 283** Screw clamp  
**70 379** Outtrigger arm G½  
**70 889** Tension belt

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

### Light distribution

