

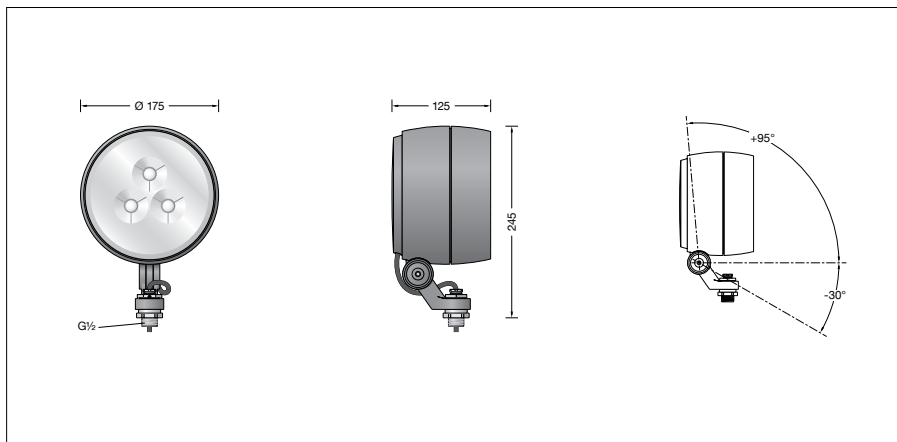
**BEGA****84 358**

Performance floodlight



Project · Reference number

Date



## Product data sheet

**Product description**

Luminaire made of aluminium alloy,  
aluminium and stainless steel  
BEGA Unidure® coating technology  
Colour graphite or silver  
Clear safety glass  
Silicone gasket  
Reflector surface made of pure aluminium  
Optical silicone lens  
Inside louver made of polyamide  
Rotation range of floodlight 350°  
Swivel range -30°/+95°  
Mounting bracket with G½ threaded connection  
Thread length: 14 mm  
Connecting cable X05BQ-F 5 G 1 mm²  
Cable length 1 m  
LED power supply unit  
220-240 V ~ 0/50-60 Hz  
DC 170-280 V  
DALI-controllable  
Number of DALI addresses: 1  
Basic insulation is provided between the mains  
and control cables  
BEGA Thermal Switch®  
Temporary thermal shutdown to protect  
temperature-sensitive components  
Safety class I  
Protection class IP 65  
Dust-tight and protection against water jets  
Impact strength IK09  
Protection against mechanical  
impacts < 10 joule  
CE – Safety mark  
CE – Conformity mark  
Wind catching area: 0.025 m²  
Weight: 2.8 kg  
This product contains light sources of energy  
efficiency class(es) E

**Application**

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.

**Lamp**

Module connected wattage	12.8 W
Luminaire connected wattage	16.4 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 35\text{ °C}$

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

**84 358 K3**

Module designation	LED-0965/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1770 lm
Luminaire luminous flux	483 lm
Luminaire luminous efficiency	29,5 lm/W

**84 358 K4**

Module designation	LED-0965/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1820 lm
Luminaire luminous flux	497 lm
Luminaire luminous efficiency	30,3 lm/W

**Service life · Ambient temperature**

Rated temperature $t_a = 25\text{ °C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50) 100,000 h (L 90 B 50)

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

LED psu:	50,000 h
LED module:	> 200,000 h (L 80 B 50) 100,000 h (L 90 B 50)

**Lighting technology**

Focused light distribution with built-in louvers  
for stray light reduction.  
Half beam angle 5°  
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).

**Inrush current**

Inrush current: 10 A / 200 µs

Maximum number of luminaires of this  
type per miniature circuit breaker:

B 10A:	18 luminaires
B 16A:	30 luminaires
C 10A:	31 luminaires
C 16A:	51 luminaires

**Accessories**

<b>70214</b>	Pole cap for pole ø 48 mm
<b>70248</b>	Pole cap for pole ø 60 mm
<b>70245</b>	Mounting box
<b>70252</b>	General fastener
<b>70280</b>	Tube clamp G½
<b>70283</b>	Screw clamp
<b>70379</b>	Cross beam G½
<b>70889</b>	Tension belt
<b>71042</b>	Adapter for installation on a pole

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

**Article No. 84 358**

LED colour temperature optionally 3000 K  
or 4000 K

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

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

**Light distribution**