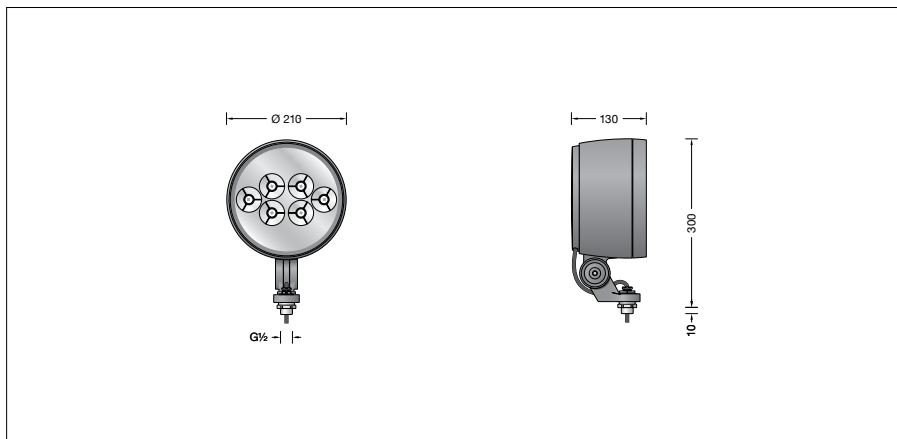# BEGA

84 359

Performance 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
BEGA Unidure® coating technology
Clear safety glass · Silicone gasket
Reflector surface made of pure aluminium
Inside louvre
made of glass-fibre reinforced polyamide
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 170-280 V
DALI controllable
A basic isolation exists between power cable and control line
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 IK08
Protection against mechanical impacts < 5 joule
CE – Conformity mark
Wind catching area: 0.035 m²
Weight: 4.2 kg

Lamp
Module connected wattage	25.6 W
Luminaire connected wattage	29.8 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.

84 359 K3
Module designation	2x LED-0965/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	3540 lm
Luminaire luminous flux	985 lm
Luminaire luminous efficiency	33,1 lm / W

84 359 K4
Module designation	2x LED-0965/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	3640 lm
Luminaire luminous flux	1013 lm
Luminaire luminous efficiency	34 lm / W

Service life · Ambient temperature
Rated temperature $t_a = 25$ °C
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50)
	100,000 h (L 90 B 50)

Ambient temperature $t_{a\,max} = 35$ °C (100 %)
LED psu:	50,000 h
LED module:	> 200,000 h (L 80 B 50)
	100,000 h (L 90 B 50)

Inrush current
Inrush current: 10 A / 200 µs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A:	18 luminaires
B 16 A:	30 luminaires
C 10 A:	31 luminaires
C 16 A:	51 luminaires

Light technique
Floodlight with narrow beam rotationally symmetrical light distribution with integrated louvre for stray light suppression.
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.

Article No. 84 359
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**

Accessories
71 121	Shield
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	Outrigger arm G½
70 889	Tension belt

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

Light distribution