BEGA

84 331

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
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 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
$C \epsilon$ – Conformity mark
Wind catching area: 0.05 m²

Lamp
Module connected wattage	54 W
Luminaire connected wattage	60 W
Rated temperature	$t_a = 25$ °C
Service life criteria	50 000 h / L_{70}

84 331 K3
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Module designation	5x LED-0965/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	7775 lm
Luminaire luminous flux*	2565 lm
Luminaire luminous efficiency*	42,8 lm / W

84 331 K4
Module designation	5x LED-0965/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	8000 lm
Luminaire luminous flux*	2640 lm
Luminaire luminous efficiency*	44 lm / W

* preliminary data

Light distribution
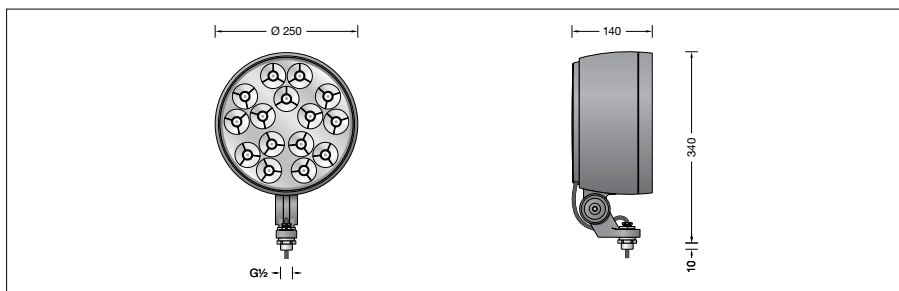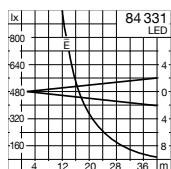
Light technique
Floodlight with narrow beam rotationally symmetrical light distribution with integrated louvre for stray light suppression.
Half beam angle 6°
Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at www.bega.com.

Inrush current
Inrush current: 26 A / 264 µs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A:	10 luminaires
B 16 A:	16 luminaires
C 10 A:	16 luminaires
C 16 A:	26 luminaires

Article No. 84 331
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
71 072	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.