

BEGA**84 257**

Surface floodlight

IP 65

Project · Reference number

Date

Product data sheet**Application**

LED Surface floodlight with asymmetrical light distribution and mounting bush G $\frac{1}{2}$ for illuminating wall, ceiling, ground surfaces and advertising boards.

The floodlight can be connected to any female thread G $\frac{1}{2}$ according to ISO 228.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
Safety glass
Reflector made of pure anodised aluminium
Mounting bracket with G $\frac{1}{2}$ threaded connection
Rotation range surface floodlight 350°
Swivel range -30°/+120°
Thread Length: 7 mm
Connecting cable H05RN-F 3G 1 \square
Cable length 1 m
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-280 V
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK07
Protection against mechanical impacts < 2 joule
CE – Conformity mark
Wind catching area: 0.036 m²
Weight: 1.6 kg

Inrush current

Inrush current: 20 A / 80 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 35 luminaires
B 16A: 56 luminaires
C 10A: 58 luminaires
C 16A: 94 luminaires

Lamp

Module connected wattage	11.5 W
Luminaire connected wattage	13.5 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 45$ °C

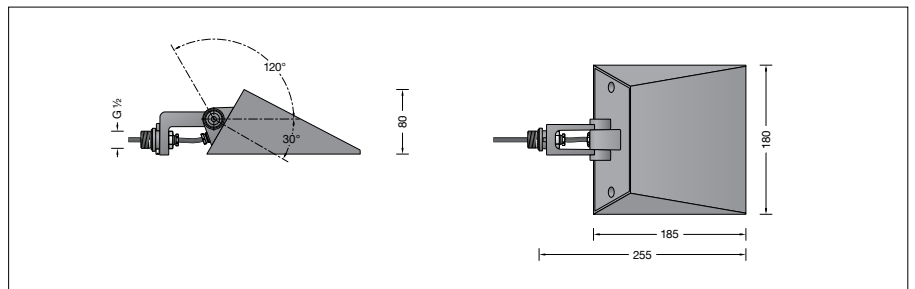
On request we can offer you modifications for environments with higher temperatures as a customized product.

84 257 K3

Module designation	LED-0590/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1515 lm
Luminaire luminous flux	1146 lm
Luminaire luminous efficiency	84,9 lm/W

84 257 K4

Module designation	LED-0590/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	1570 lm
Luminaire luminous flux	1188 lm
Luminaire luminous efficiency	88 lm/W

**Service life · Ambient temperature**

Ambient 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 $t_a = 45$ °C	
LED psu:	50,000 h
LED module:	98,000 h (L 80 B 50)
	100,000 h (L 70 B 50)

Light technique

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 you will find on the BEGA web page www.bega.com.

Article No. 84 257

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