

BEGA**77 479**

Surface floodlight



Project · Reference number

Date

Product data sheet

Application

LED floodlight with mounting bush G½. for broad spread light distribution.
The floodlight can be bolted together with any female thread G½ according to ISO 228.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
Safety glass with optical structure
Silicone gasket
Reflector made of pure anodised aluminium
Rotation range of floodlight 350°
Swivel range -35°/+90°
Mounting bracket with G½ threaded connection
Thread length: 14 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
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK07
Protection against mechanical impacts < 2 joule
 – Safety mark
 – Conformity mark
Wind catching area: 0.022 m²
Weight: 1.3 kg

Inrush current

Inrush current: 5 A / 50 µs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 31 luminaires
B 16A: 50 luminaires
C 10A: 52 luminaires
C 16A: 85 luminaires

Lamp

Module connected wattage	17.6 W
Luminaire connected wattage	20.5 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{max}} = 45\text{ °C}$

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

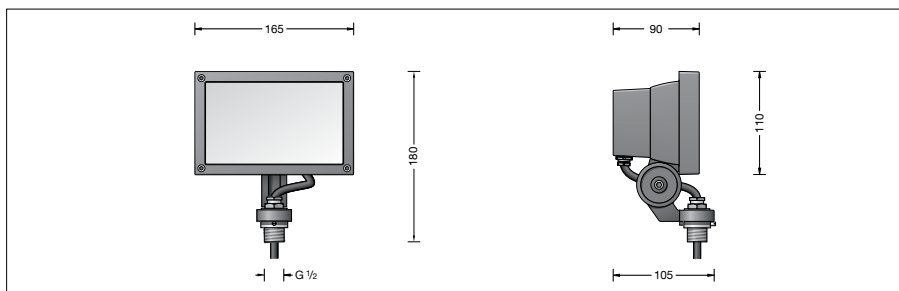
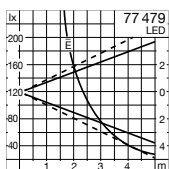
77 479 K4

Module designation	LED-0313/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	2940 lm
Luminaire luminous flux	2392 lm
Luminaire luminous efficiency	116,7 lm/W

77 479 K3

Module designation	LED-0313/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2780 lm
Luminaire luminous flux	2319 lm
Luminaire luminous efficiency	113,1 lm/W

Light distribution



Service life of the LED

Ambient temperature $t_a = 25\text{ °C}$
– at > 500,000h: L70B50
max. ambient temperature $t_a = 45\text{ °C}$
– at 150,000h: L70B50

Light technique

Broad spread light distribution.
Half beam angle 76/89°
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. 77 479

LED colour temperature optionally 4000K or 3000K
4000 K – Article number + **K4**
3000 K – Article number + **K3**

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

Accessories

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
70 500 Shield

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