

BEGA**77 478**

Surface floodlight



Project · Reference number

Date

Product data sheet

Application

LED floodlight with mounting bush G½ for flat beam 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.

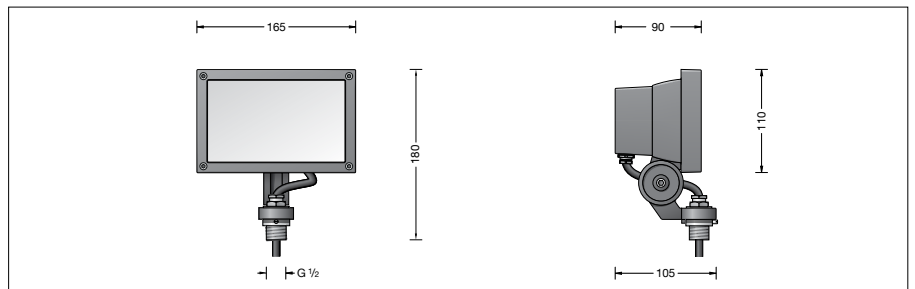
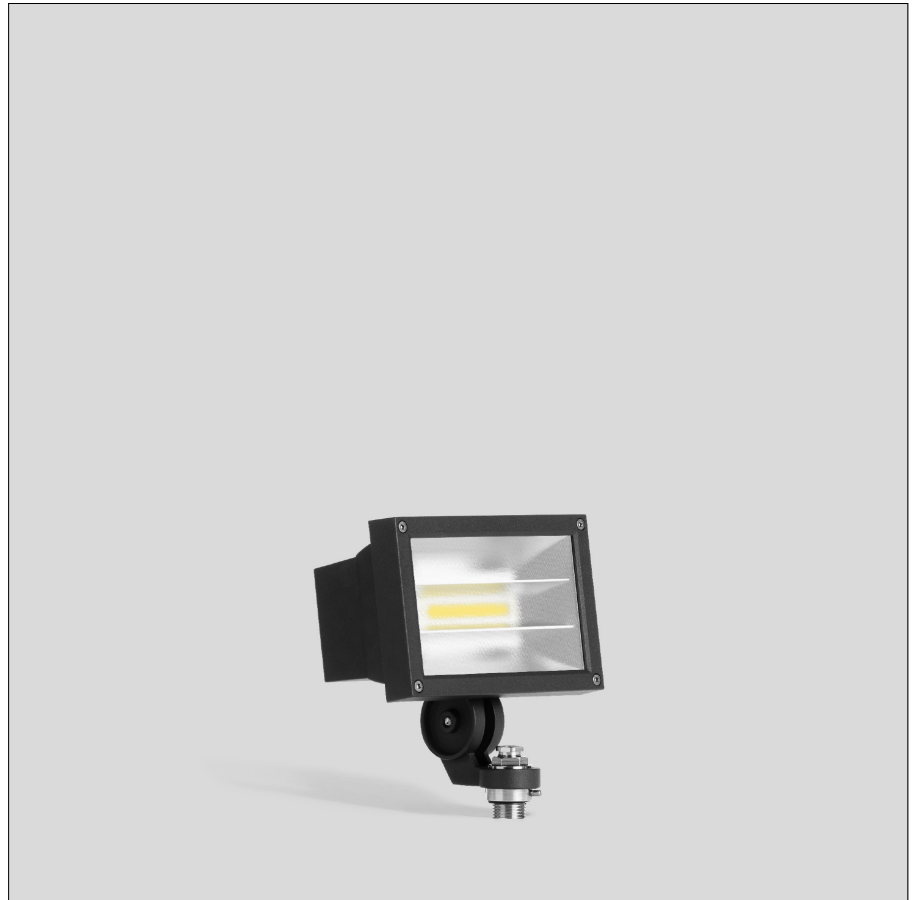
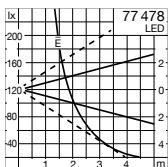
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Module designation	LED-0313/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	2940 lm
Luminaire luminous flux	2174 lm
Luminaire luminous efficiency	106 lm/W

77 478 K3

Module designation	LED-0313/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	2780 lm
Luminaire luminous flux	2056 lm
Luminaire luminous efficiency	100,3 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

Lighting technology

Half beam angle 29/86°
 Luminaire data for the light planning program
 DIALux for outdoor lighting, street lighting and
 interior lighting as well as luminaire data in
 EULUMDAT and IES format are available on our
 website www.bega.com.

Article No. 77 478

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

70 500 Shield
70 214 Pole cap for pole top \varnothing 48 mm
70 248 Pole cap for pole top \varnothing 60 mm
70 249 Pole cap for pole top \varnothing 76 mm
70 229 Pole cap for pole top \varnothing 82 mm
70 221 Mounting box for anchorage unit
70 245 Mounting box · rectangular
70 252 Wood screw
70 280 Tube clamp
70 283 Screw clamp
70 379 Cross beam
70 889 Lashing strap