

**BEGA****77 313**

Floodlight

IP 65

Project · Reference number

Date

## Product data sheet

**Application**

LED surface floodlights for wide beam light distribution  
Floodlight with earth spike, connecting cable und safety plug for portable installation.

**Product description**

Luminaire made of aluminium alloy, aluminium and stainless steel  
Earth spike made of UV-resistant glass - fibre reinforced polyamide synthetic  
Safety glass with optical structure  
Silicone gasket  
Reflector made of pure anodised aluminium  
Swivel range  $-35^{\circ}/+90^{\circ}$   
No tools are needed to adjust the operating position  
Ready for connection with 5 m connecting cable H05RN-F 3G1<sup>□</sup> and mains plug.  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
Safety class I  
Protection class safety plug IP X4  
Protected against splash water  
Protection class luminaire IP 65  
Dusttight and protected against water jets  
Impact strength IK07  
Protection against mechanical impacts < 2 joule  
**CE** – Conformity mark  
Wind catching area: 0.022 m<sup>2</sup>  
Weight: 1.8 kg

**Inrush current**

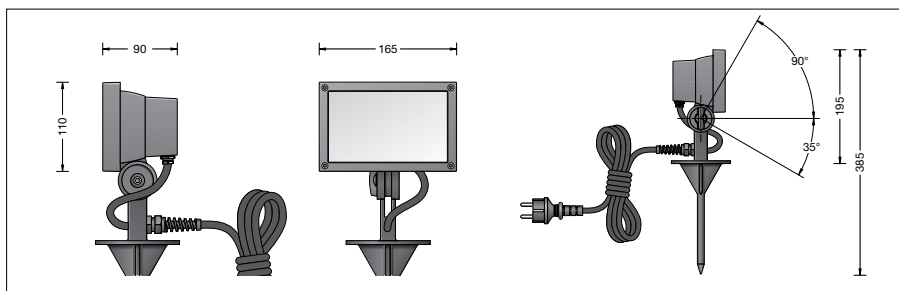
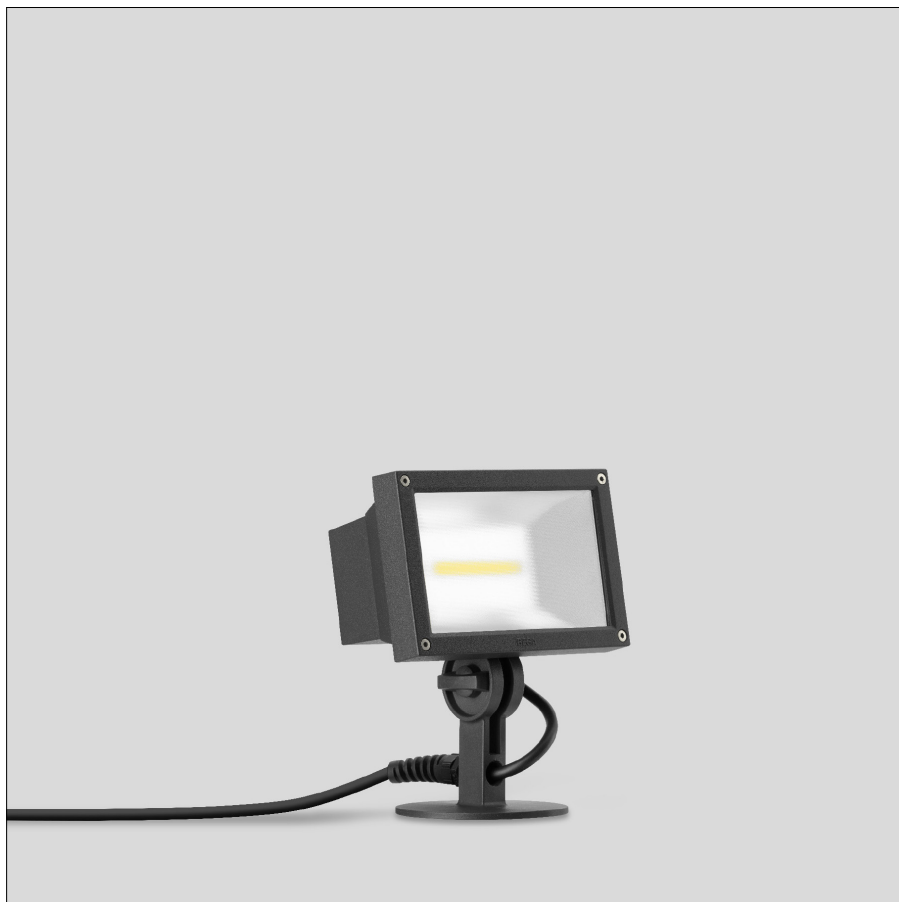
Inrush current: 5 A / 50  $\mu$ s  
Maximum number of luminaires of this type per miniature circuit breaker:

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	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a\text{max}} = 45^{\circ}\text{C}$

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

**77 313 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

**Service life of the LED**

Ambient temperature  $t_a = 25^{\circ}\text{C}$   
– at > 500,000h: L70B50

max. ambient temperature  $t_a = 45^{\circ}\text{C}$   
– at 150,000h: L70B50

**Light technique**

Broad spread light distribution.  
Half beam angle  $76/89^{\circ}$   
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](http://www.bega.com).

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

**Accessories**

Permanent connecting pillar  
**70 375** with 2 socket outlets  
**70 376** with 1 socket outlet + 1 switch  
**70 377** with 4 socket outlets  
**70 378** with 3 socket outlets + 1 switch  
**70 500** Shield

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

**77 313 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**