

**BEGA****77 335**

Floodlight



Project · Reference number

Date

## Product data sheet

### Application

LED floodlight with earthspike, connecting cable and safety plug for portable installation.

### Product description

Floodlight made of aluminium alloy,  
aluminium and stainless steel  
BEGA Unidure® coating technology  
Clear safety glass  
Silicone gasket  
Reflector made of pure anodised aluminium  
Swivel range -50°/+80°  
5 m mains supply cable H05RN-F 3 G 1<sup>□</sup>  
with plug  
LED power supply unit  
100-240 V ~ 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  
 – Safety mark  
**CE** – Conformity mark  
Wind catching area: 0.012 m<sup>2</sup>  
Weight: 1.5 kg

### Inrush current

Inrush current: 14 A / 130 μs  
Maximum number of luminaires of this  
type per miniature circuit breaker:  
B10A: 29 luminaires  
B16A: 48 luminaires  
C10A: 46 luminaires  
C16A: 76 luminaires

### Lamp

Module connected wattage	3 W
Luminaire connected wattage	4.3 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 45\text{ °C}$

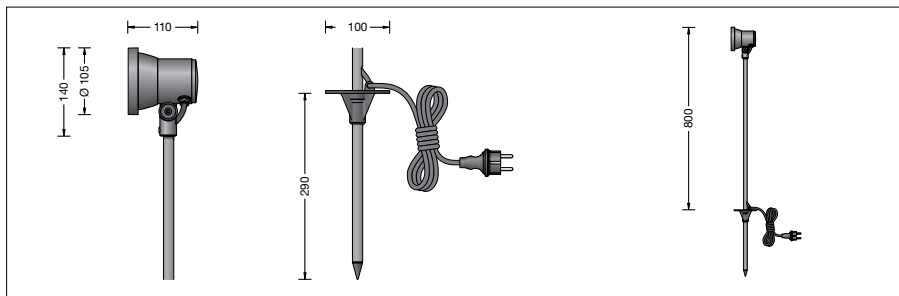
On request we can offer you modifications for  
environments with higher temperatures as a  
customized product.

### 77 335 K4

Module designation	LED-0488/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	460 lm
Luminaire luminous flux	351 lm
Luminaire luminous efficiency	81,6 lm/W

### 77 335 K3

Module designation	LED-0488/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	445 lm
Luminaire luminous flux	340 lm
Luminaire luminous efficiency	79,1 lm/W



### Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50) 100,000 h (L 90 B 50)

Ambient temperature $t_{a\text{ max}} = 45\text{ °C}$ (100 %)	
LED psu:	50,000 h
LED module:	> 200,000 h (L 80 B 50) 100,000 h (L 90 B 50)

### Light technique

Broad spread light distribution.  
Half beam angle 51°  
By changing the diffuser lense it is possible to  
alter the symmetrical light distribution into a flat  
beam light distribution.

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LED colour temperature optionally 4000 K  
or 3000 K  
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  
**70 050** Exchangeable lens flat beam  
**70 755** Shield

### Light distribution

