

BEGA**77 325**

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
Earth spike made of UV-resistant glass - fibre
reinforced polyamide synthetic
Clear safety glass
Silicone gasket
Reflector made of pure anodised aluminium
Swivel range -50°/+80°
Ready for connection with
5 m connecting cable H05RN-F 3 G 1[□]
and mains plug.
LED power supply unit
220-240 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 m²
Weight: 1.2 kg

Inrush current

Inrush current: 14 A / 130 μs
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A: 29 luminaires
B 16A: 48 luminaires
C 10A: 46 luminaires
C 16A: 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.

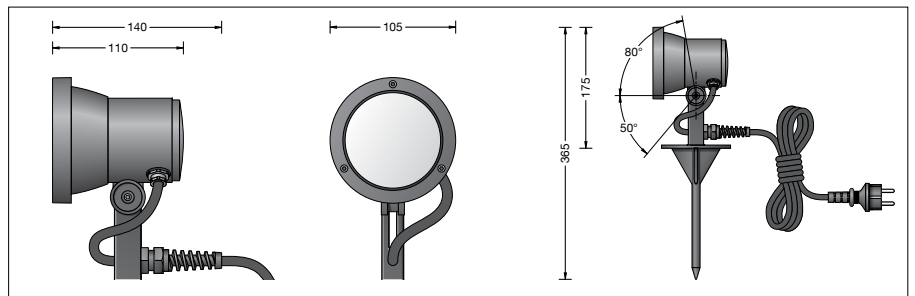
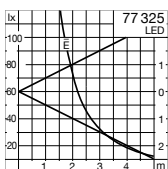
77 325 K4

| | |
|-------------------------------|--------------|
| 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 |

77 325 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 |

Light distribution



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.
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. 77 325

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

Accessories

70 050 Exchangeable lens flat beam
70 755 Shield

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

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