

BEGA**77 314**

Floodlight



Project · Reference number

Date

Product data sheet

Application

LED floodlight for broad spread light distribution. Floodlight with earthspike, connecting cable and 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
 Reflector made of pure anodised aluminium
 Swivel range $-35^{\circ}/+90^{\circ}$
 Factory pre-wired with 5 m connecting cable H05RN-F $3 \times 1^{\square}$ and power plug
 LED power supply unit
 220-240 V \sim 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 IK08
 Protection against mechanical impacts < 5 joule
 – Safety mark
CE – Conformity mark
 Wind catching area: 0.039 m²
 Weight: 2.8 kg

Inrush current

Inrush current: 10 A / 200 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B10A: 19 luminaires
 B16A: 30 luminaires
 C10A: 31 luminaires
 C16A: 51 luminaires

Lamp

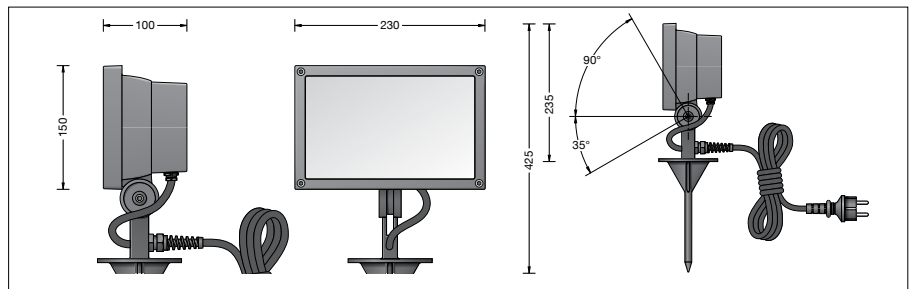
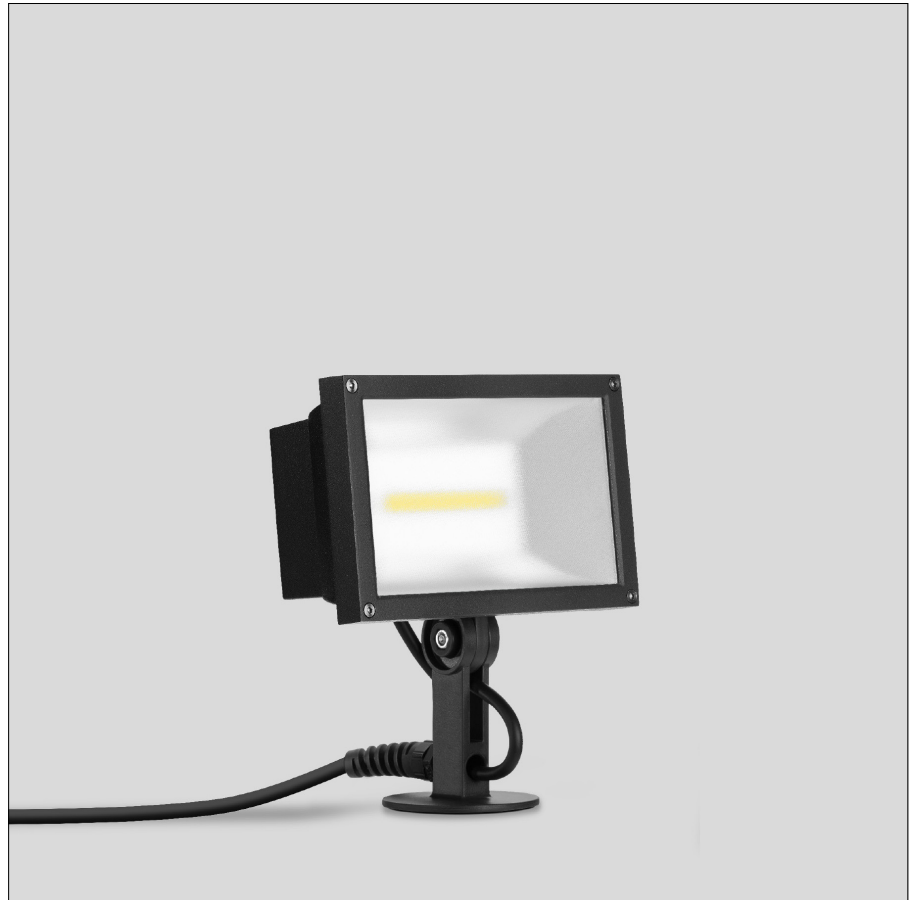
Module connected wattage	27.6 W
Luminaire connected wattage	30.7 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a\text{max}} = 50^{\circ}\text{C}$

77 314 K4

Module designation	LED-0935/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	4395 lm
Luminaire luminous flux	3560 lm
Luminaire luminous efficiency	116 lm/W

77 314 K3

Module designation	LED-0935/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	4260 lm
Luminaire luminous flux	3451 lm
Luminaire luminous efficiency	112,4 lm/W



Service life of the LED

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

max. ambient temperature $t_a = 50^{\circ}\text{C}$
 – at 111,000h: L70B50

Light technique

Broad spread light distribution.
 Half beam angle $92/97^{\circ}$
 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.

Article No. 77 314

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
70 502 Shield

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

Light distribution

