BEGA

77 434

Surface floodlight

10 · IP 65

Project · Reference number	Date
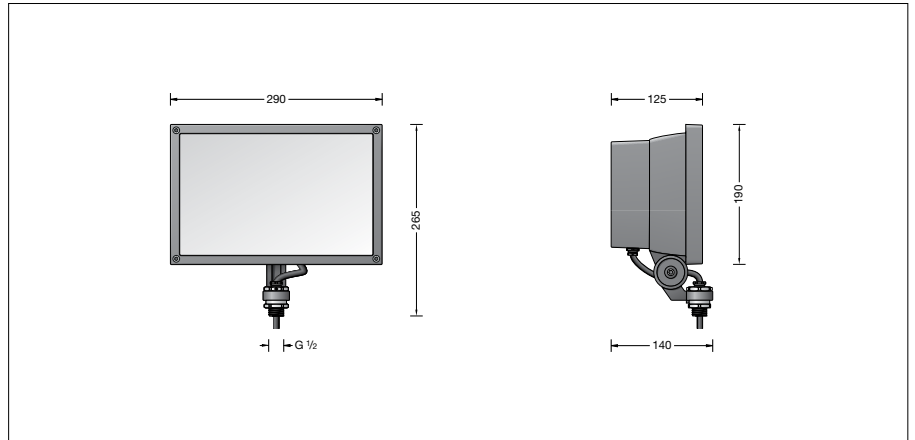
Product data sheet

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°
Fixing bracket with G½ mounting bush
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 176-280 V
During DC operation the LED power is reduced to 15 %
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
10 – Safety mark
CE – Conformity mark
Wind catching area: 0.04 m²
Weight: 3.7 kg

Lamp
Module connected wattage	65.5 W
Luminaire connected wattage	73 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a\,max} = 25$ °C

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

77 434 K4
Module designation	LED-0499/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	8505 lm
Luminaire luminous flux	6566 lm
Luminaire luminous efficiency	89,9 lm/W

77 434 K3
Module designation	LED-0499/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	8210 lm
Luminaire luminous flux	6338 lm
Luminaire luminous efficiency	86,8 lm/W

Lifetime of the LED
max. ambient temperature $t_a = 25$ °C
– at   178,000 h: L70 B50

Light technique
Floodlight with flat beam light distribution.
Half beam angle 28/92°
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. 77 434
LED colour temperature optionally 4000 K or 3000 K
4000 K – Article number + **K4**
3000 K – Article number + **K3**

Colour graphite or silver
graphite – article number
silver – article number + **A**

Accessories
70 214	Pole cap for pole top ø 48 mm
70 248	Pole cap for pole top ø 60 mm
70 249	Pole cap for pole top ø 76 mm
70 229	Pole cap for pole top ø 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	Outrigger arm
70 889	Lashing strap
70 525	Shield

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

Light distribution