

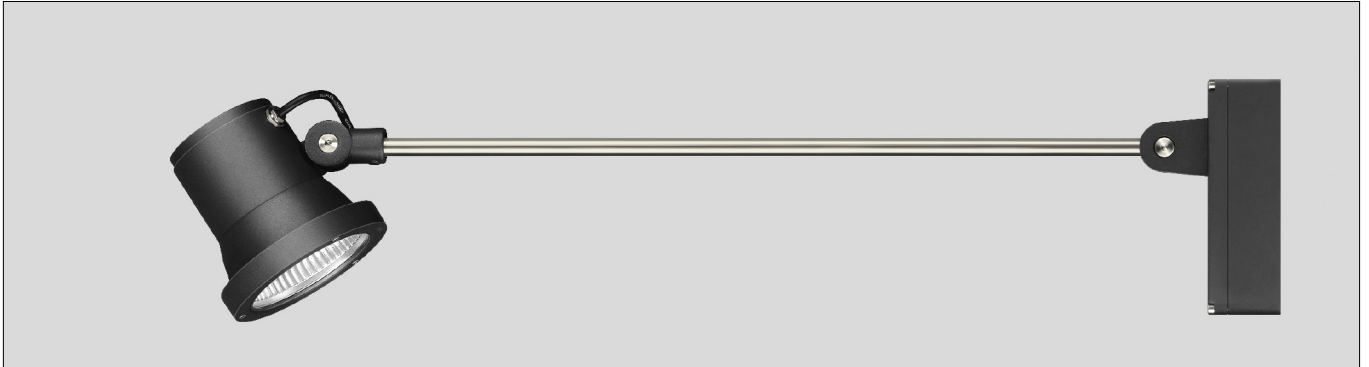
BEGA**77 757**

Floodlight



Project · Reference number

Date



Product data sheet

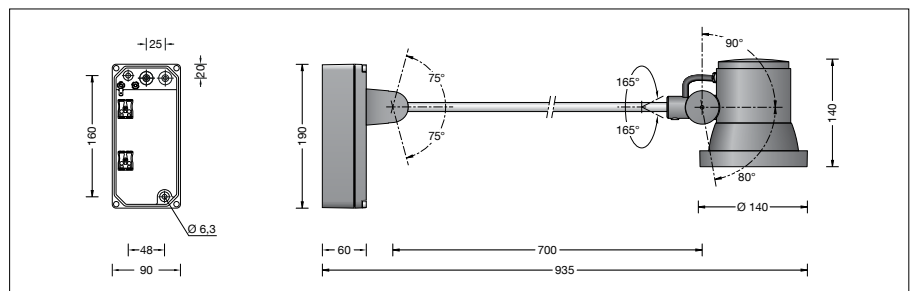
Application

Floodlight with mounting box and outrigger arm for installation on ceilings and walls in interior and exterior application.

The adjustability of the outrigger arm allows a variety of burning positions with which most diverse lighting tasks can be solved.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 Clear safety glass
 Silicone gasket
 Reflector made of pure anodised aluminium
 Adjustment range:
 Joint - mounting box: $\pm 75^\circ$ in steps of 15°
 Swivel joint - outrigger arm: $\pm 165^\circ$
 Floodlight housing: $+90^\circ / -80^\circ$ infinitely adjustable
 Mounting box with 2 fixing holes
 $\varnothing 6.3$ mm · 48 x 160 mm spacing
 2 cable entries for through-wiring of mains supply cable $\varnothing 7-10.5$ mm, max. 5G1.5 \square
 Connection terminal 2.5 \square
 Earth conductor connection
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 176-280 V
 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 IK08
 Protection against mechanical impacts < 5 joule
 - Safety mark
CE - Conformity mark
 Wind catching area: 0.038 m 2
 Weight: 2.8 kg



Lamp

| | |
|-----------------------------|--------------------------------------|
| Module connected wattage | 13.5 W |
| Luminaire connected wattage | 16.3 W |
| Rated temperature | $t_a = 25^\circ\text{C}$ |
| Ambient temperature | $t_{a\text{max}} = 35^\circ\text{C}$ |

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

77 757 K4

| | |
|-------------------------------|--------------|
| Module designation | LED-0328/940 |
| Colour temperature | 4000 K |
| Colour rendering index | CRI > 90 |
| Module luminous flux | 2200 lm |
| Luminaire luminous flux | 1655 lm |
| Luminaire luminous efficiency | 101,5 lm/W |

77 757 K3

| | |
|-------------------------------|--------------|
| Module designation | LED-0328/930 |
| Colour temperature | 3000 K |
| Colour rendering index | CRI > 90 |
| Module luminous flux | 2135 lm |
| Luminaire luminous flux | 1606 lm |
| Luminaire luminous efficiency | 98,5 lm/W |

Lifetime of the LED

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

max. ambient temperature $t_a = 35^\circ\text{C}$
 - at > 500,000h: L70B50

Inrush current

Inrush current: 5 A / 50 μs
 Maximum number of luminaires of this type per miniature circuit breaker:
 B10A: 31 luminaires
 B16A: 50 luminaires
 C10A: 52 luminaires
 C16A: 85 luminaires

Lighting technology

Half beam angle 49°
 Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and interior lighting as well as luminaire data in EULUMDAT and IES format are available on our website www.bega.com.

Article No. 77 757

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

70 055 Exchangeable lens flat beam
70 756 Shield

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

Light distribution

