

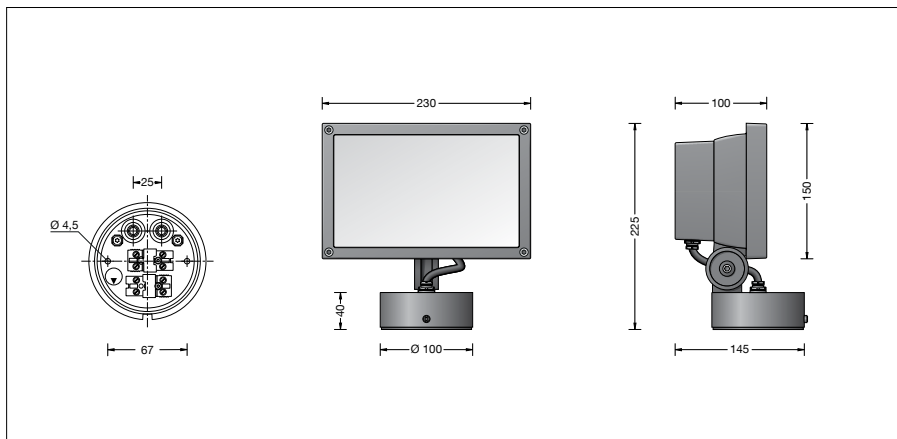
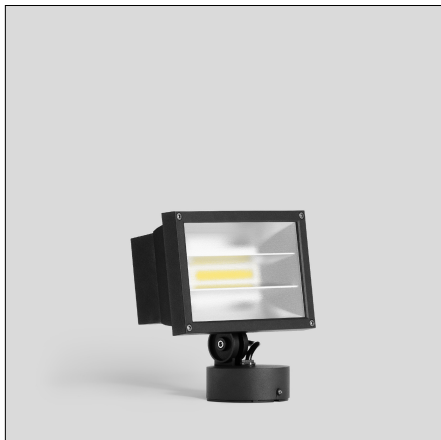
BEGA**77 537**

Surface floodlight



Project · Reference number

Date



Product data sheet

Application

LED floodlight for flat beam light distribution. Floodlight with mounting box for permanent installation on a wall, under a ceiling or on a pillar. For a variety of interior and exterior lighting applications.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 Safety glass with optical structure
 Reflector made of pure anodised aluminium
 Rotation range of floodlight 350°
 Swivel range -35°/+90°
 Mounting box with 2 fixing holes
 \varnothing 4.5 mm · 67 mm spacing
 2 cable entries for through-wiring of mains supply cable \varnothing 7-10,5 mm, max. 5G 1.5[□]
 Connecting terminal 2.5[□] with plug connection
 Earth conductor connection
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 176-276 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
 – Conformity mark
 Wind catching area: 0.039 m²
 Weight: 2.6 kg

Lamp

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

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

77 537 K4

Module designation	LED-0935/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	4395 lm
Luminaire luminous flux	3460 lm
Luminaire luminous efficiency	112,7 lm/W

77 537 K3

Module designation	LED-0935/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	4260 lm
Luminaire luminous flux	3353 lm
Luminaire luminous efficiency	109,2 lm/W

Lifetime of the LED

Ambient temperature $t_a = 15\text{ }^\circ\text{C}$
 – at 50,000h: L90B10
 – at > 500,000h: L70B50

Ambient temperature $t_a = 25\text{ }^\circ\text{C}$
 – at 50,000h: L90B10
 – at > 500,000h: L70B50

max. ambient temperature $t_a = 50\text{ }^\circ\text{C}$
 – at 50,000h: L70B10
 – at 111,000h: L70B50

Inrush current

Inrush current: 10 A / 200 μs
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10A: 19 luminaires
 B 16A: 30 luminaires
 C 10A: 31 luminaires
 C 16A: 51 luminaires

Light technique

Floodlight with flat beam light distribution. Half beam angle 40/96°
 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 the BEGA website www.bega.com.

Article No. 77 537

LED colour temperature optionally 4000K or 3000K
 4000 K – Article number + **K4**
 3000 K – Article number + **K3**
 Colour optionally graphite, white or silver
 Graphite – Article number
 White – Article number + **W**
 Silver – Article number + **A**

Accessories

70 502 Shield

The attachable shield screens the light upwards or downwards.

A separate instructions for use can be provided upon request.

Light distribution

