

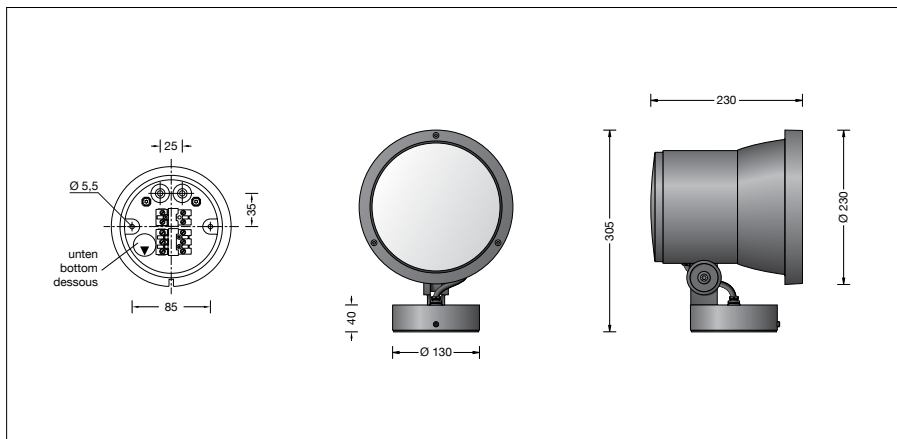
**BEGA****77 639**

Compact floodlight



Project · Reference number

Date





## Product data sheet

**Application**

LED compact floodlight with mounting box for permanent installations on a wall, under a ceiling or on a pillar.

**Product description**

Luminaire made of aluminium alloy, aluminium and stainless steel  
 BEGA Unidure® coating technology  
 Clear safety glass  
 Silicone gasket  
 Reflector made of pure anodised aluminium  
 Inlying ring louvre made of aluminium anodised  
 Rotation range of floodlight 350°  
 Swivel range -20°/+90°  
 Mounting box with 2 fixing holes  
 ø 5.5 mm · 85 mm spacing  
 2 cable entries for through-wiring of mains supply cable ø 7-10.5 mm, max. 5 G 1.5<sup>□</sup>  
 Connecting terminal 2.5<sup>□</sup> with plug connection  
 Earth conductor connection  
 LED power supply unit  
 220-240 V ~ 0/50-60 Hz  
 DC 170-276 V  
 DALI controllable  
 A basic isolation exists between power cable and control line  
 BEGA Thermal Switch®  
 Temporary thermal shutdown to protect temperature-sensitive components  
 Safety class I  
 Protection class IP 65  
 Dust-tight and protection against water jets  
 Impact strength IK07  
 Protection against mechanical impacts < 2 joule  
 – Safety mark  
 – Conformity mark  
 Wind catching area: 0.05 m<sup>2</sup>  
 Weight: 4.6 kg

**Lamp**

Module connected wattage	46.7 W
Luminaire connected wattage	52.5 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 30\text{ °C}$

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

**77 639 K4**

Module designation	LED-0785/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	6610 lm
Luminaire luminous flux	3274 lm
Luminaire luminous efficiency	62,4 lm/W

**77 639 K3**

Module designation	LED-0785/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	6510 lm
Luminaire luminous flux	3225 lm
Luminaire luminous efficiency	61,4 lm/W

**Service life · Ambient temperature**

Rated temperature $t_a = 25\text{ °C}$	
LED psu:	> 50,000h
LED module:	150,000h (L80B50)

Ambient temperature $t_{a\text{ max}} = 30\text{ °C}$ (100 %)	
LED psu:	50,000h
LED module:	140,000h (L80B50)

**Inrush current**

Inrush current: 20 A / 400 μs  
 Maximum number of luminaires of this type per miniature circuit breaker:

B 10A:	9 luminaires
B 16A:	15 luminaires
C 10A:	16 luminaires
C 16A:	25 luminaires

**Light technique**

Floodlight with narrow beam rotationally symmetrical light distribution with integrated louvre for stray light suppression.  
 Half beam angle 10°  
 For special lighting applications, the symmetrical light cone can be changed to a flat beam using an additional diffuser lens.

**Article No. 77 639**

LED colour temperature optionally 4000K or 3000K  
 4000 K – Article number + **K4**  
 3000 K – Article number + **K3**  
 Colour graphite or silver  
 graphite – article number  
 silver – article number + **A**

**Accessories**

**70 077** Exchangeable lens flat beam  
**70 758** Shield  
**70 721** Cylindrical shield

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

**Light distribution**