

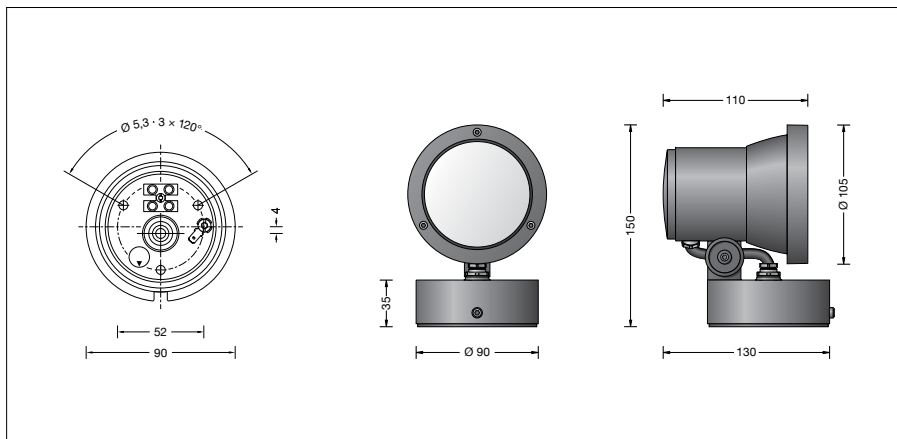
BEGA**77 602**

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
Clear safety glass
Silicone gasket
Reflector made of pure anodised aluminium
Rotation range of floodlight 350°
Swivel range -15°/+90°
Mounting plate with 3 fixing holes \varnothing 5.3 mm
Angle 120° · Pitch circle \varnothing 52 mm
1 cable entry for mains supply cable
up to \varnothing 10,5 mm max. $3 \times 1,5$ [□]
Connecting terminal 2.5[□]
Earth conductor connection
LED power supply unit
100-240 V \sim 0/50-60 Hz
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: 0.012 m²
Weight: 0.9 kg

Inrush current

Inrush current: 14 A / 130 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B10A: 29 luminaires
B16A: 48 luminaires
C10A: 46 luminaires
C16A: 76 luminaires

Lamp

Module connected wattage 3 W
Luminaire connected wattage 4.3 W
Rated temperature $t_a = 25$ °C
Ambient temperature $t_{a \max} = 45$ °C

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

77 602 K4

Module designation LED-0488/940
Colour temperature 4000 K
Colour rendering index CRI > 90
Module luminous flux 460 lm
Luminaire luminous flux* 351 lm
Luminaire luminous efficiency* 81,6 lm/W

77 602 K3

Module designation LED-0488/930
Colour temperature 3000 K
Colour rendering index CRI > 90
Module luminous flux 445 lm
Luminaire luminous flux* 339 lm
Luminaire luminous efficiency* 78,8 lm/W

* preliminary data

Lifetime of the LED

Ambient temperature $t_a = 15$ °C
– at 50,000h: L90B10
– at > 500,000h: L70B50

Ambient temperature $t_a = 25$ °C
– at 50,000h: L90B10
– at > 500,000h: L70B50

max. ambient temperature $t_a = 45$ °C
– at 50,000h: L90B10
– at 417,000h: L70B50

Light technique

Broad spread light distribution.
Half beam angle 48°
By changing the diffuser lense it is possible to
alter the symmetrical light distribution into a flat
beam light distribution.
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. 77 602

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

70 755 Shield

70 050 Exchangeable lens flat beam

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

Light distribution

