BEGA

77 559

Floodlight

⧄10 ⧄ IP 65

Project · Reference number	Date

Product data sheet

Application
LED floodlight for broad spread light distribution.
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.
The used LED technique offers durability and optimal light output with low power consumption at the same time.

Product description
Luminaire made of aluminium alloy, aluminium and stainless steel
Safety glass with optical structure
Silicone gasket
Adjustment range:
Joint - mounting box: ± 75° in steps of 15°
Swivel joint - outrigger arm: ± 165°
Floodlight housing: +120° / -75° infinitely adjustable
Mounting box with 2 fixing holes
ø 6.3 mm · 62 x 210 mm spacing
2 cable entries for through-wiring of mains supply cable ø 7-10.5 mm, max. 5 G 1.5□
Connection terminal 2.5□
Earth conductor connection
LED power supply unit
220-240 V ⏦ 0/50-60 Hz
DC 176-264 V
During DC operation the LED power is reduced to 50 %
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
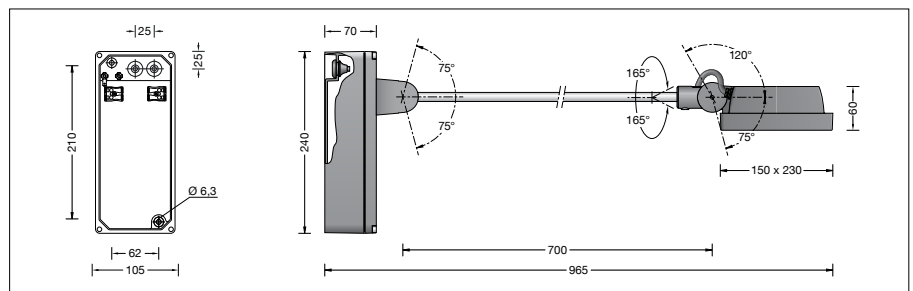Impact strength IK08
Protection against mechanical impacts < 5 joule
⧄10 ⧄ – Safety mark
CE – Conformity mark
Wind catching area: 0.06 m²
Weight: 3.5 kg

Lamp
Module connected wattage	27.6 W
Luminaire connected wattage	30.7 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a\,max} = 60$ °C

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

77 559 K4
Module designation	LED-0935/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	4395 lm
Luminaire luminous flux	3560 lm
Luminaire luminous efficiency	116 lm/W

77 559 K3
Module designation	LED-0935/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	4260 lm
Luminaire luminous flux	3451 lm
Luminaire luminous efficiency	112,4 lm/W

Lifetime of the LED
Ambient temperature t_a = 25 °C
– at > 500,000 h: L70 B50

max. ambient temperature t_a = 60 °C
– at   87,000 h: L70 B50

Inrush current
Inrush current: 5 A / 100 µs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A:	27 luminaires
B 16 A:	44 luminaires
C 10 A:	27 luminaires
C 16 A:	44 luminaires

Light technique
Broad spread light distribution.
Half beam angle 92/97°
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. 77 559
LED colour temperature optionally 4000 K or 3000 K
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