

BEGA**77 791**

Surface-mounted floodlight



Project · Reference number

Date

Product data sheet

Application

LED luminaire for glare-free illumination of floor surfaces from an extremely low mounting height. For the illumination of forecourts, gateways and ways in private and public facilities.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
Clear safety glass
Silicone gasket
Luminaire with mounting plate for bolting onto a foundation or an anchorage unit
2 inner screw cable glands complete with cone-thrust collar, gaskets and dummy plugs, suitable for through-wiring of mains supply cable of \varnothing 9 - 15 mm max. $5 \times 2.5^{\square}$
Connecting terminal and earth conductor terminal 2.5^{\square}
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 67
Dust-tight and protection against temporary immersion
Impact strength IK09
Protection against mechanical impacts < 10 joule
 – Safety mark
 – Conformity mark
Weight: 2.6 kg

Lamp

Module connected wattage	8.2 W
Luminaire connected wattage	11.2 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a\text{max}} = 50^{\circ}\text{C}$

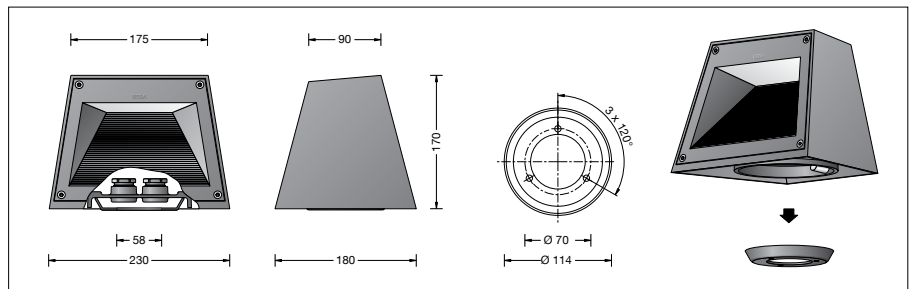
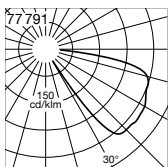
77 791 K4

Module designation	2 x LED-0233/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1130 lm
Luminaire luminous flux	340 lm
Luminaire luminous efficiency	30,4 lm/W

77 791 K3

Module designation	2x LED-0233/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1130 lm
Luminaire luminous flux	340 lm
Luminaire luminous efficiency	30,4 lm/W

Light distribution



Service life of the LED

Ambient temperature $t_a = 25^{\circ}\text{C}$
– at 277,000h: L70B50

max. ambient temperature $t_a = 50^{\circ}\text{C}$
– at 66,000h: L70B50

Inrush current

Inrush current: 21 A / 18.2 μs
Maximum number of luminaires of this type per miniature circuit breaker:
B10A: 50 luminaires
B16A: 50 luminaires
C10A: 50 luminaires
C16A: 50 luminaires

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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**

Accessory

70 894 Anchorage unit
Anchorage unit with mounting flange made of galvanised steel. Total length 400 mm. 3 stainless steel fixing screws M 6. Pitch circle \varnothing 70 mm.

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