

Project · Reference number

Date

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

Optical cylindrical lens made of crystal glass

Silicone gasket

All-side light output 360°

Luminaire with mounting plate for bolting onto a foundation or an anchorage unit

Mounting plate with 3 fixing holes each \varnothing 8.5 mm · Pitch circle \varnothing 100 mm and \varnothing 132 mm

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. $3 \times 2.5^{\square}$

Plug connection

Connecting terminal 2.5[□]

Earth conductor connection

LED power supply unit

220-240 V \sim 0/50-60 Hz

DC 176-280 V

Safety class I

Protection class IP 67

Dust-tight and protection against temporary immersion

Impact strength IK06

Protection against mechanical impacts < 1 joule

CE – Conformity mark

Weight: 2.4 kg

Lamp

Module connected wattage

13 W

Luminaire connected wattage

15.3 W

Rated temperature

$t_a = 25^{\circ}\text{C}$

Ambient temperature

$t_{a\text{max}} = 40^{\circ}\text{C}$

88 362

Module designation

LED-0429/830

Colour temperature

3000 K

Colour rendering index

$R_a > 80$

Module luminous flux

1415 lm

Luminaire luminous flux

319 lm

Luminaire luminous efficiency

20,8 lm/W

88 362 K4

Module designation

LED-0429/840

Colour temperature

4000 K

Colour rendering index

$R_a > 80$

Module luminous flux

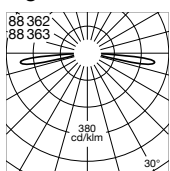
1490 lm

Luminaire luminous flux

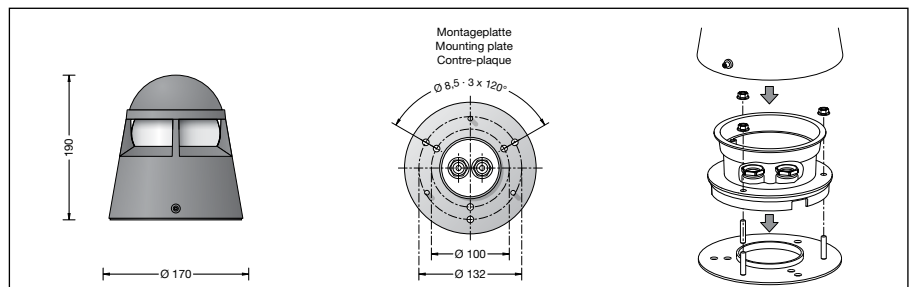
335 lm

Luminaire luminous efficiency

21,9 lm/W

Light distribution

www.bega.com

**Lifetime of the LED**

Ambient temperature $t_a = 15^{\circ}\text{C}$

– at 50,000h: L90B50

– at 220,000h: L70B50

Ambient temperature $t_a = 25^{\circ}\text{C}$

– at 50,000h: L80B10

– at 170,000h: L70B50

max. ambient temperature $t_a = 40^{\circ}\text{C}$

– at 50,000h: L80B10

– at 110,000h: L70B50

Inrush current

Inrush current: 20 A / 80 μs

Maximum number of luminaires of this type per miniature circuit breaker:

B10A: 35 luminaires

B16A: 56 luminaires

C10A: 58 luminaires

C16A: 94 luminaires

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LED colour temperature optionally 3000K or 4000K

3000 K – Article number

4000 K – Article number + **K4**

Colour graphite or silver

graphite – article number

silver – article number + **A**

Accessory

70 895 Anchorage unit

Anchorage unit with mounting flange made of galvanised steel. Total length 400 mm.

3 stainless steel fixing screws M 8.

Pitch circle \varnothing 100 mm.

See the separate instructions for use.