

BEGA**88 360**

Surface-mounted luminaire

IP 67

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
Optical cylindrical lens made of crystal glass
Silicone gasket
Single side light exit 180°
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. 3×2.5^2
Connecting terminal 4 \square
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: 2.7 kg

Inrush current

Inrush current: 20 A / 80 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B 10A: 35 luminaires
B 16A: 56 luminaires
C 10A: 58 luminaires
C 16A: 94 luminaires

Lamp

Module connected wattage	13 W
Luminaire connected wattage	15.3 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 40^\circ\text{C}$

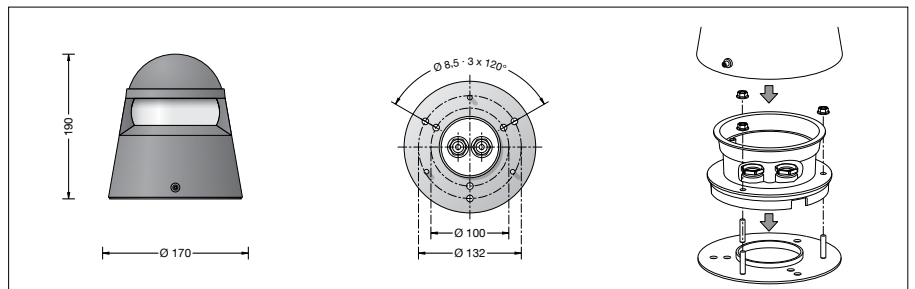
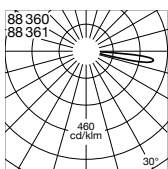
On request we can offer you modifications for environments with higher temperatures as a customized product.

88 360 K3

Module designation	LED-0429/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1415 lm
Luminaire luminous flux	191 lm
Luminaire luminous efficiency	12,5 lm/W

88 360 K4

Module designation	LED-0429/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1490 lm
Luminaire luminous flux	201 lm
Luminaire luminous efficiency	13,1 lm/W

Light distribution**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

Light technique

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 you will find on the BEGA web page www.bega.com.

Article No. 88 360

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.