

BEGA**22 400**

Ceiling and wall luminaire



Project · Reference number

Date

Product data sheet

Application

Unshielded LED ceiling and wall luminaire with high protection class.

A luminaire made of die cast aluminium and with an impact resistant crystal glass.

Product description

Luminaire made of aluminium alloy,

aluminium and stainless steel

Crystal glass with optical structure

Silicone gasket

2 mounting holes \varnothing 4.3 mm

Distance apart 125 mm

2 cable entries for through-wiring of mains

supply cable \varnothing 7-10.5 mm

Connection terminal 2.5²

Earth conductor connection

LED power supply unit

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

DC 176-264 V

Safety class I

Protection class IP 65

Dust-tight and protection against water jets

Impact strength IK05

Protection against mechanical

impacts < 0.7 joule

– Safety mark

CE – Conformity mark

Weight: 0.75 kg

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.

Lamp

Module connected wattage 2.9 W

Luminaire connected wattage 4 W

Rated temperature $t_a = 25$ °C

Ambient temperature $t_{a\max} = 55$ °C

22 400 K3

Module designation LED-0280/930

Colour temperature 3000 K

Colour rendering index CRI > 90

Module luminous flux 465 lm

Luminaire luminous flux 249 lm

Luminaire luminous efficiency 62,2 lm/W

22 400 K4

Module designation LED-0280/940

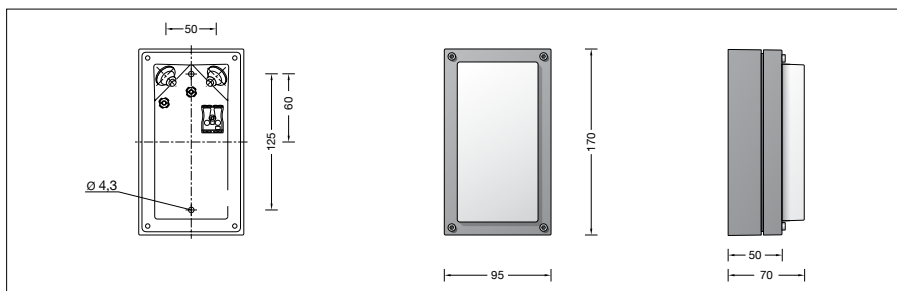
Colour temperature 4000 K

Colour rendering index CRI > 90

Module luminous flux 480 lm

Luminaire luminous flux 257 lm

Luminaire luminous efficiency 64,2 lm/W



Service life · Ambient temperature

Ambient temperature $t_a = 25$ °C

LED psu: > 50,000 h

LED module: > 200,000 h (L80 B50)

100,000 h (L90 B50)

Ambient temperature $t_a = 55$ °C

LED psu: 50,000 h

LED module: 76,000 h (L80 B50)

100,000 h (L70 B50)

Inrush current

Inrush current: 7 A / 112 μ s

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

B 10 A: 38 luminaires

B 16 A: 61 luminaires

C 10 A: 64 luminaires

C 16 A: 102 luminaires

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LED colour temperature optionally 3000 K or 4000 K

3000 K – Article number + **K3**

4000 K – Article number + **K4**

Light distribution

