

BEGA**24 179**

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 synthetic diffuser.

Product description

Luminaire made of aluminium alloy,

aluminium and stainless steel

BEGA Unidure® coating technology

Impact-resistant synthetic cover

Silicone gasket

2 mounting holes \varnothing 4,5 mm

Distance apart 180 mm

2 cable entries for through-wiring of mains

supply cable \varnothing 7-12 mm

Connection terminal 2.5²

Earth conductor connection

LED power supply unit

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

DC 176-264 V

BEGA Thermal Switch®

Temporary thermal shutdown to protect

temperature-sensitive components

Safety class I

Protection class IP 65

Dust-tight and protection against water jets

Impact strength IK10

Protection against mechanical

impacts < 20 joule

– Safety mark

CE – Conformity mark

Weight: 1.2 kg

Lamp

Module connected wattage 7 W

Luminaire connected wattage 8.1 W

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

Ambient temperature $t_{a\text{max}} = 45^\circ\text{C}$

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

24 179 K3

Module designation LED-0954/830

Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 1160 lm

Luminaire luminous flux 694 lm

Luminaire luminous efficiency 85,7 lm/W

24 179 K4

Module designation LED-0954/840

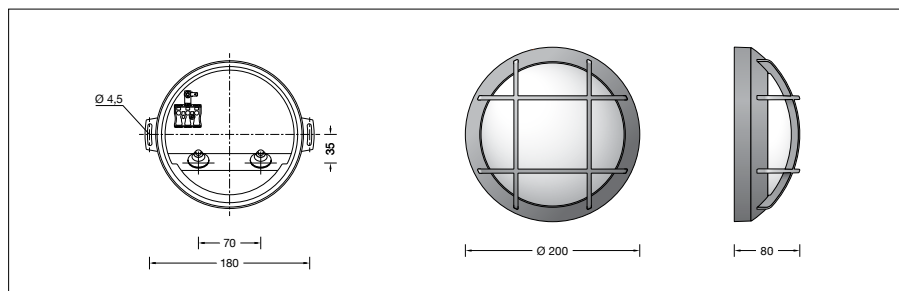
Colour temperature 4000 K

Colour rendering index CRI > 80

Module luminous flux 1220 lm

Luminaire luminous flux 729 lm

Luminaire luminous efficiency 90 lm/W



Service life · Ambient temperature

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

LED psu: > 50,000h

LED module: 170,000h (L80 B50)

Ambient temperature $t_{a\text{max}} = 45^\circ\text{C}$ (100 %)

LED psu: 50,000h

LED module: 130,000h (L80 B50)

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.

Inrush current

Inrush current: 11 A / 112 μs

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

B 10A: 34 luminaires

B 16A: 55 luminaires

C 10A: 57 luminaires

C 16A: 92 luminaires

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LED colour temperature optionally 3000K or 4000K

3000 K – Article number + **K3**

4000 K – Article number + **K4**

Colour graphite or silver
graphite – article number
silver – article number + **A**

Light distribution

