

BEGA**24 089**

Ceiling mounted downlight



Project · Reference number

Date

Product data sheet

Application

LED surface mounted downlight with asymmetrical light distribution and high protection class which is designed to illuminate uniformly walls from the ceiling.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 BEGA Unidure® coating technology
 Safety glass
 Silicone gasket
 Reflector surface made of pure aluminium
 2 mounting holes \varnothing 6 mm
 Distance apart 140 mm
 2 cable entries for through-wiring of mains supply cable \varnothing 7-10.5 mm, max. 5 G 1.5²
 Connecting terminal 2.5² with plug connection
 Earth conductor connection
 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
 BEGA Thermal Control®
 Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire
 Safety class I
 Protection class IP 65
 Dust-tight and protection against water jets
 Impact strength IK08
 Protection against mechanical impacts < 5 joule
 – Safety mark
 – Conformity mark
 Weight: 1.6 kg

Lamp

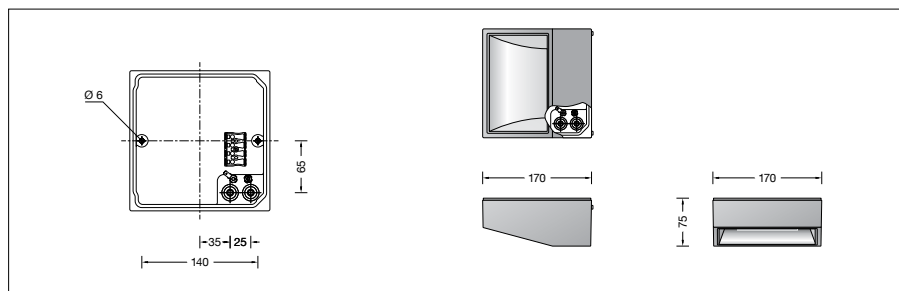
Module connected wattage 19.4 W
 Luminaire connected wattage 22.1 W
 Rated temperature $t_a = 25$ °C
 Ambient temperature $t_{a \max} = 35$ °C

24 089 K3

Module designation LED-0896/830
 Colour temperature 3000 K
 Colour rendering index CRI > 80
 Module luminous flux 3760 lm
 Luminaire luminous flux 2841 lm
 Luminaire luminous efficiency 128,6 lm/W

24 089 K4

Module designation LED-0896/840
 Colour temperature 4000 K
 Colour rendering index CRI > 80
 Module luminous flux 3865 lm
 Luminaire luminous flux 2920 lm
 Luminaire luminous efficiency 132,1 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25$ °C
 LED psu: > 50,000 h
 LED module: 167,000 h (L 80 B 50)
 100,000 h (L 80 B 10)
 Ambient temperature $t_{a \max} = 35$ °C (100 %)
 LED psu: 50,000 h
 LED module: 90,000 h (L 80 B 50)
 100,000 h (L 70 B 50)

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: 12 A / 24.2 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10 A: 50 luminaires
 B 16 A: 50 luminaires
 C 10 A: 50 luminaires
 C 16 A: 50 luminaires

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LED colour temperature optionally 3000 K or 4000 K
 3000 K – Article number + **K3**
 4000 K – Article number + **K4**

Colour optionally graphite or white
 Graphite – Article number
 White – Article number + **W**

Light distribution

