

BEGA**24 428**

Ceiling mounted downlight



Project · Reference number

Date

Product data sheet

Application

Compact downlight with asymmetrical light distribution.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
Matt safety glass
Silicone gasket
Reflector surface made of pure aluminium
Optical silicone lens · BEGA Constant Optics®
2 mounting holes \varnothing 4.3 mm
Distance apart 160 mm
2 cable entries for through-wiring of mains
supply cable \varnothing 7-12 mm,
max. 5x2,5²
Connection terminal 2.5²
Earth conductor connection
BEGA Ultimate Driver®
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-264 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 IK09
Protection against mechanical
impacts < 10 joule
 – Safety mark
 – Conformity mark
Weight: 2.9 kg

Lamp

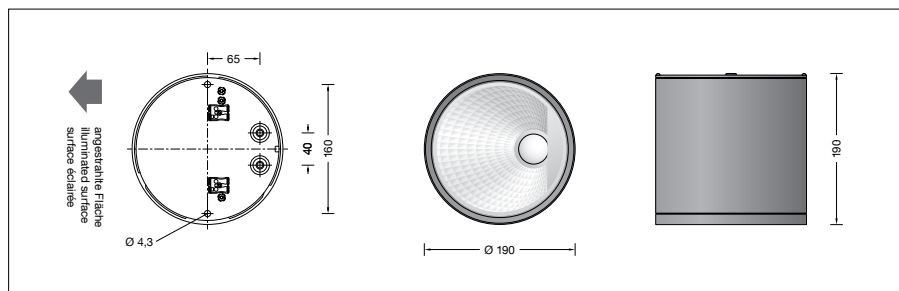
Module connected wattage 25 W
Luminaire connected wattage 27.5 W
Rated temperature $t_a = 25\text{ }^\circ\text{C}$
Ambient temperature $t_{a\text{ max}} = 60\text{ }^\circ\text{C}$

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Module designation LED-0785/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 4365 lm
Luminaire luminous flux 3029 lm
Luminaire luminous efficiency 110,1 lm/W

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Module designation LED-0785/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 4480 lm
Luminaire luminous flux 3109 lm
Luminaire luminous efficiency 113,1 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25\text{ }^\circ\text{C}$
LED psu: > 50,000 h
LED module: > 200,000 h (L80B50)

Ambient temperature $t_{a\text{ max}} = 60\text{ }^\circ\text{C}$ (100 %)
LED psu: 50,000 h
LED module: 120,000 h (L80B50)

Lighting technology

Half beam angle 67/65°
Luminaire data for the light planning program
DIALux for outdoor lighting, street lighting and
interior lighting as well as luminaire data in
EULUMDAT and IES format are available on our
website www.bega.com.

Inrush current

Inrush current: 5 A / 100 μs
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10 A: 35 luminaires
B 16 A: 56 luminaires
C 10 A: 35 luminaires
C 16 A: 56 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

