

BEGA**24 417**

Ceiling mounted downlight



Project · Reference number



Date

Product data sheet

Application

Compact downlight with symmetrical wide beam light distribution.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 BEGA Unidure® coating technology
 Clear safety glass
 Silicone gasket
 Reflector surface made of pure aluminium
 Optical silicone lens · BEGA Hybrid Optics®
 2 mounting holes ø 4.3 mm
 Distance apart 160 mm
 2 cable entries for through-wiring of mains supply cable ø 7-12 mm, max. 5x2,5[□]
 Connection terminal 2.5[□]
 Earth conductor connection
 BEGA Ultimate Driver®
 LED power supply unit
 220-240 V ~ 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 IK08
 Protection against mechanical impacts < 5 joule
 – Safety mark
 – Conformity mark
 Weight: 2.9 kg

Lamp

Module connected wattage	17.2 W
Luminaire connected wattage	18.8 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 65\text{ °C}$

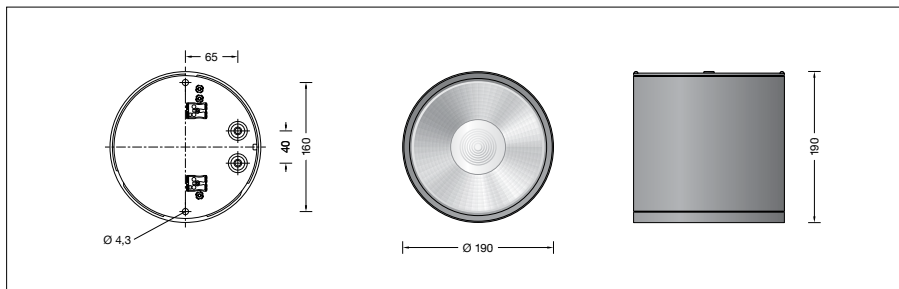
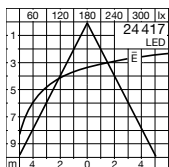
24 417 K3

Module designation	LED-0785/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	3100 lm
Luminaire luminous flux	2423 lm
Luminaire luminous efficiency	128,9 lm/W

24 417 K4

Module designation	LED-0785/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	3180 lm
Luminaire luminous flux	2486 lm
Luminaire luminous efficiency	132,2 lm/W

Light distribution



Service life · Ambient temperature

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

Ambient temperature $t_{a\text{ max}} = 65\text{ °C}$ (100 %)
 LED psu: 50,000 h
 LED module: 135,000 h (L80B50)

Lighting technology

Half beam angle 59°
 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 10A: 35 luminaires
 B 16A: 56 luminaires
 C 10A: 35 luminaires
 C 16A: 56 luminaires

Article No. 24 417

LED colour temperature optionally 3000K or 4000K
 3000 K – Article number + **K3**
 4000 K – Article number + **K4**
 Colour optionally graphite or white
 Graphite – Article number
 White – Article number + **W**