

BEGA**24 403**

Ceiling mounted downlight

IP 65

Project · Reference number

Date

Product data sheet**Application**

Compact LED downlight with symmetrical wide beam light distribution.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 Matt safety glass
 Silicone gasket
 Reflector surface made of pure aluminium
 Optical silicone lens · BEGA Hybrid Optics®
 2 mounting holes \varnothing 4.3 mm
 Distance apart 76 mm
 1 cable entry for mains supply cable up to \varnothing 10,5 mm max. $3 \times 1,5$ [□]
 Connection terminal 2.5[□]
 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 IK07
 Protection against mechanical impacts < 2 joule
CE – Conformity mark
 Weight: 0.75 kg

Inrush current

Inrush current: 7 A / 112 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B10A: 38 luminaires
 B16A: 61 luminaires
 C10A: 64 luminaires
 C16A: 102 luminaires

Lamp

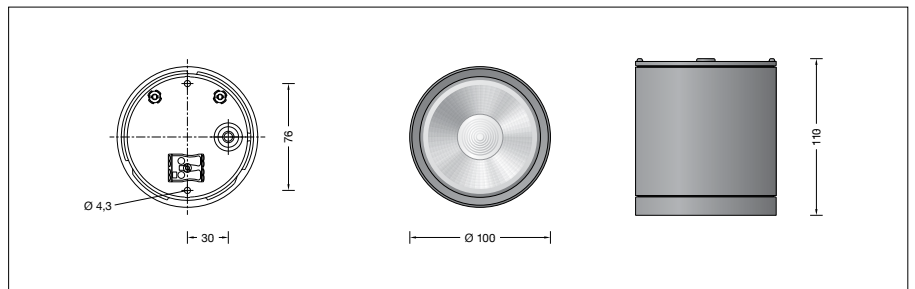
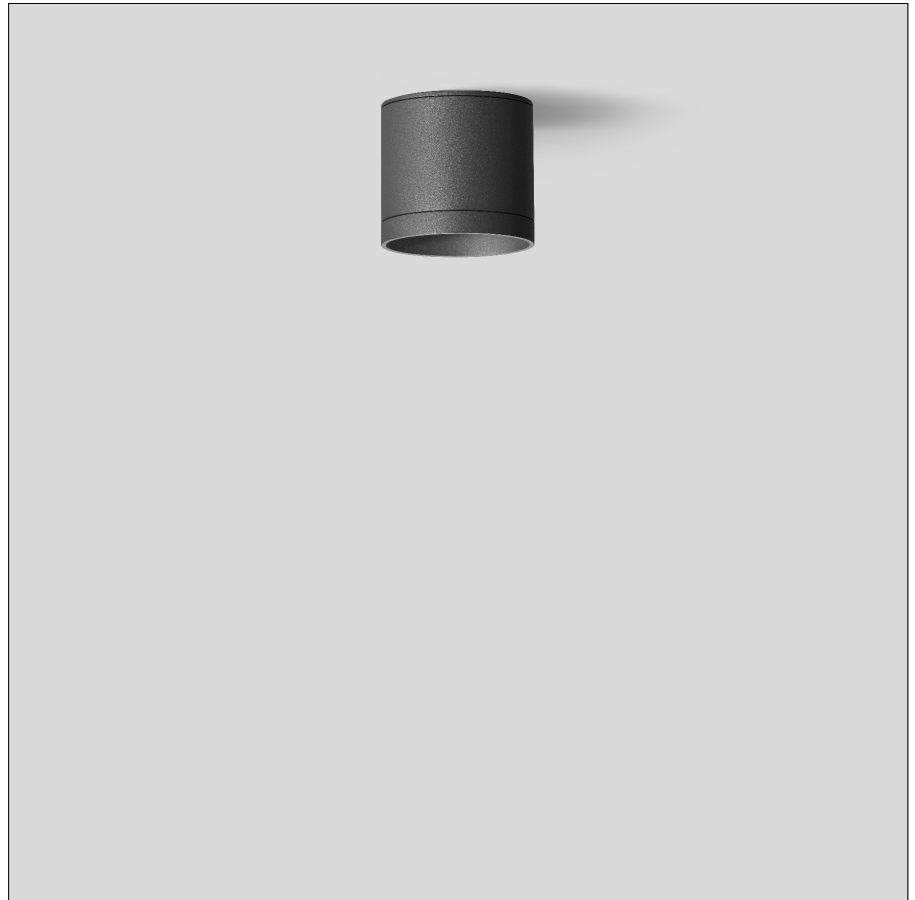
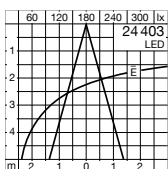
Module connected wattage	3.9 W
Luminaire connected wattage	5 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a,max} = 50$ °C

24 403 K3

Module designation	LED-1029/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	645 lm
Luminaire luminous flux	479 lm
Luminaire luminous efficiency	95,8 lm/W

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Module designation	LED-1029/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	685 lm
Luminaire luminous flux	509 lm
Luminaire luminous efficiency	101,8 lm/W

Light distribution**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 $t_a = 50$ °C	
LED psu:	50,000 h
LED module:	200,000 h (L80 B50) 100,000 h (L80 B50)

Lighting technology

Half beam angle 31°
 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.

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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**