

BEGA**24 403**

Ceiling mounted downlight



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
 BEGA Unidure® coating technology
 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. $3 \times 1,5^{\square}$
 Connection terminal $2.5^{\square}$
 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 IK07
 Protection against mechanical impacts < 2 joule
 – Safety mark
CE – Conformity mark
 Weight: 0.75 kg

Lamp

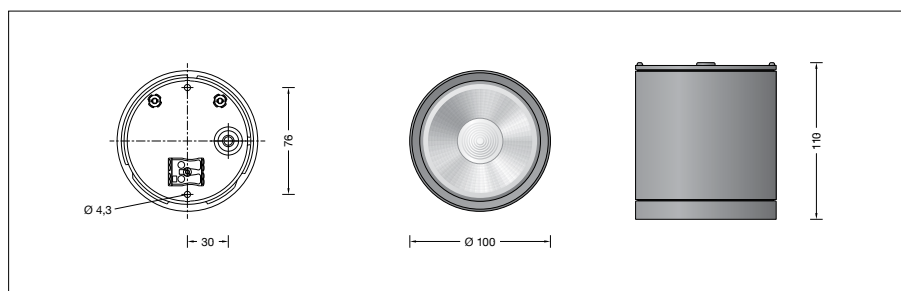
Module connected wattage	3.9 W
Luminaire connected wattage	5 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a \max} = 50^{\circ}\text{C}$

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

24 403 K4

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



Service life · Ambient temperature

Rated temperature $t_a = 25^{\circ}\text{C}$
 LED psu: > 50,000 h
 LED module: > 200,000 h (L 80 B 50)
 100,000 h (L 90 B 50)

Ambient temperature $t_{a \max} = 50^{\circ}\text{C}$ (100 %)
 LED psu: 50,000 h
 LED module: 200,000 h (L 80 B 50)

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.

Inrush current

Inrush current: 7 A / 112 μs
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10 A: 38 luminaires
 B 16 A: 61 luminaires
 C 10 A: 64 luminaires
 C 16 A: 102 luminaires

Article No. 24 403

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

