

BEGA**24 408**

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:

B 10A: 38 luminaires

B 16A: 61 luminaires

C 10A: 64 luminaires

C 16A: 102 luminaires

Lamp

Module connected wattage 3.9 W

Luminaire connected wattage 5 W

Rated temperature $t_a = 25^\circ\text{C}$

Ambient temperature $t_{a\text{ max}} = 50^\circ\text{C}$

24 408 K3

Module designation LED-1029/830

Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 645 lm

Luminaire luminous flux 471 lm

Luminaire luminous efficiency 94,2 lm/W

24 408 K4

Module designation LED-1029/840

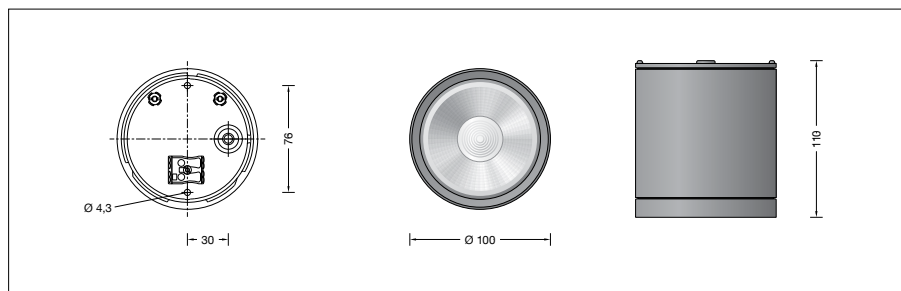
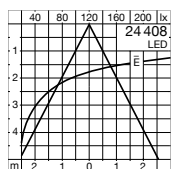
Colour temperature 4000 K

Colour rendering index CRI > 80

Module luminous flux 685 lm

Luminaire luminous flux 500 lm

Luminaire luminous efficiency 100 lm/W

Light distribution**Service life · Ambient temperature**

Ambient 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 $t_a = 50^\circ\text{C}$

LED psu: 50,000 h

LED module: 200,000 h (L 80 B 50)
100,000 h (L 80 B 50)

Lighting technology

Half beam angle 54°

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.

Article No. 24 408

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**