

BEGA**24 425**

Ceiling mounted downlight



Project · Reference number

Date

Product data sheet

Application

Compact LED downlight with asymmetrical 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 Constant 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
 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
 – Conformity mark
 Weight: 0.75 kg

Lamp

Module connected wattage 8 W
 Luminaire connected wattage 9.2 W
 Rated temperature $t_a = 25$ °C
 Ambient temperature $t_{a \max} = 45$ °C

On request we can offer you modifications for environments with higher temperatures as a customized product.

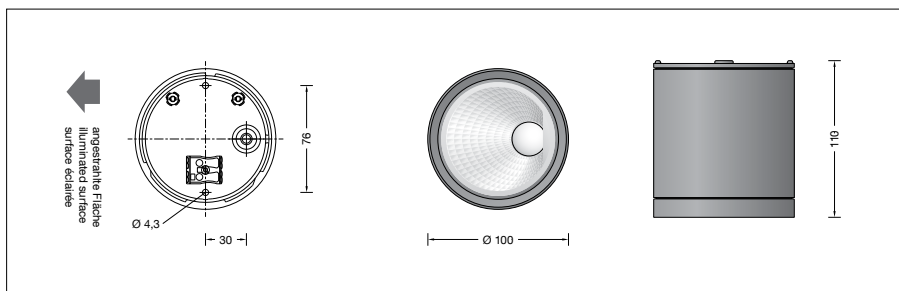
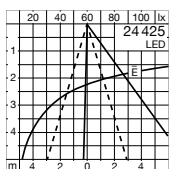
24 425 K3

Module designation LED-1030/830
 Colour temperature 3000 K
 Colour rendering index CRI > 80
 Module luminous flux 1165 lm
 Luminaire luminous flux 717 lm
 Luminaire luminous efficiency 77,9 lm/W

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Module designation LED-1030/840
 Colour temperature 4000 K
 Colour rendering index CRI > 80
 Module luminous flux 1240 lm
 Luminaire luminous flux 763 lm
 Luminaire luminous efficiency 82,9 lm/W

Light distribution



Service life · Ambient temperature

Rated temperature $t_a = 25$ °C
 LED psu: > 50,000 h
 LED module: > 200,000 h (L80 B50)
 100,000 h (L90 B50)

Ambient temperature $t_{a \max} = 45$ °C (100 %)
 LED psu: 50,000 h
 LED module: 180,000 h (L80 B50)

Lighting technology

Half beam angle 63/64°
 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: 11 A / 112 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10A: 34 luminaires
 B 16A: 55 luminaires
 C 10A: 57 luminaires
 C 16A: 92 luminaires

Article No. 24 425

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**