

BEGA**24 058**

Compact downlight



Project · Reference number

Date

Product data sheet

Application

Compact LED downlight with asymmetrical broad spread light distribution. The used LED technique offers durability and optimal light output with low power consumption at the same time.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 Safety glass with optical structure
 Silicone gasket
 Reflector surface made of pure aluminium
 2 mounting holes \varnothing 4.8 mm
 Distance apart 105 mm
 2 cable entries for through-wiring of mains supply cable \varnothing 7-10.5 mm, max. 5G1.5[□]
 Connection terminal 2.5[□]
 Earth conductor connection
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 176-276 V
 DALI controllable
 A basic isolation exists between power cable and control line
 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: 1.6 kg

Lamp

Module connected wattage	17.8 W
Luminaire connected wattage	20.2 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 30^\circ\text{C}$

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

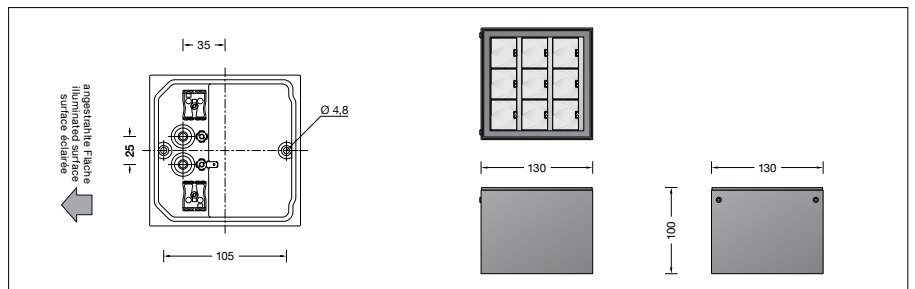
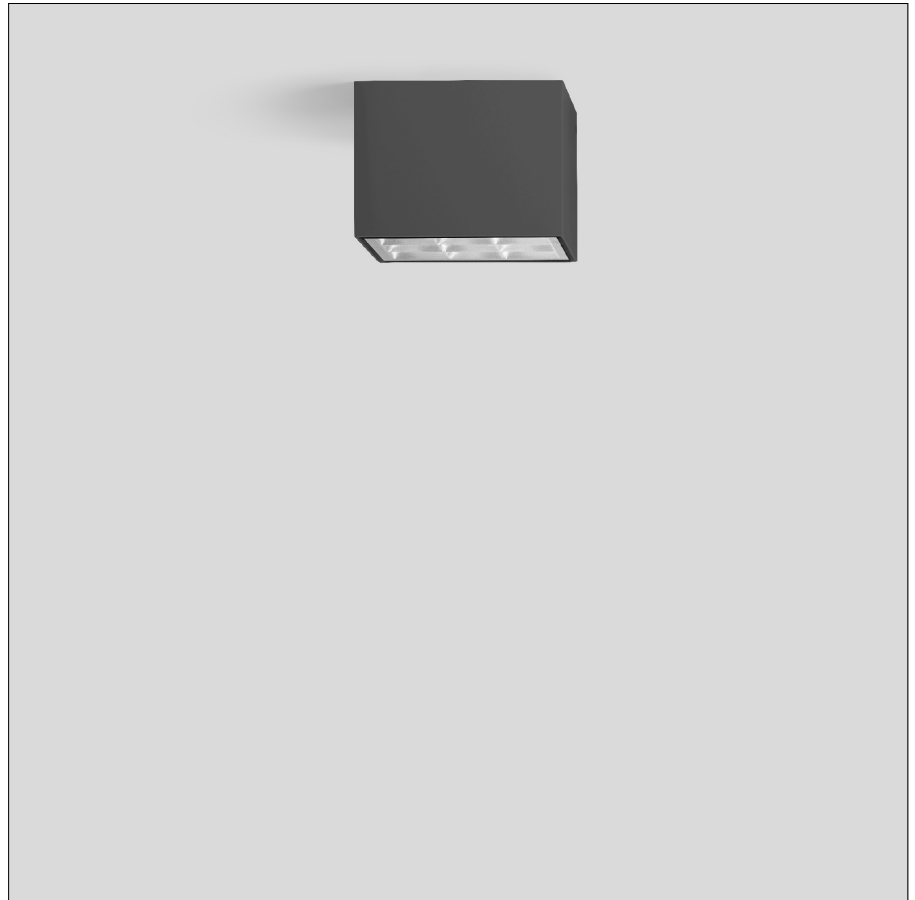
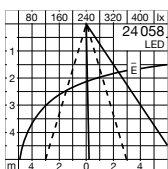
24 058 K3

Module designation	LED-0586/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2500 lm
Luminaire luminous flux	1490 lm
Luminaire luminous efficiency	73,8 lm/W

24 058 K4

Module designation	LED-0586/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2500 lm
Luminaire luminous flux	1490 lm
Luminaire luminous efficiency	73,8 lm/W

Light distribution



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$	
LED psu:	> 50,000h
LED module:	82,000h (L80 B50)
	100,000h (L70 B50)

Ambient temperature $t_{a\text{max}} = 30^\circ\text{C}$ (100 %)	
LED psu:	50,000h
LED module:	61,000h (L80 B50)
	92,000h (L70 B50)

Lighting technology

Half beam angle 44/48°
 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: 12 A / 24.2 μs
 Maximum number of luminaires of this type per miniature circuit breaker:
 B10A: 50 luminaires
 B16A: 50 luminaires
 C10A: 50 luminaires
 C16A: 50 luminaires

Article No. 24 058

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**