

BEGA**66 160**

Compact 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
 Safety glass with optical structure
 Silicone gasket
 Reflector surface made of pure aluminium
 2 mounting holes \varnothing 6 mm
 Distance apart 140 mm
 2 cable entries for through-wiring of mains supply cable \varnothing 7-10.5 mm, max. 5 G 1.5[□]
 Connection terminal 2.5[□]
 Earth conductor connection
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 170-276 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
 ⚡ Ballproof according to DIN VDE 0710 part 13
 Impact strength IK07
 Protection against mechanical impacts < 2 joule
 – Safety mark
 – Conformity mark
 Weight: 2.6 kg

Inrush current

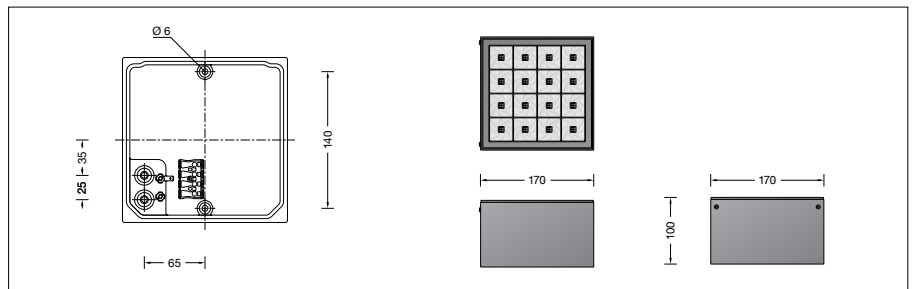
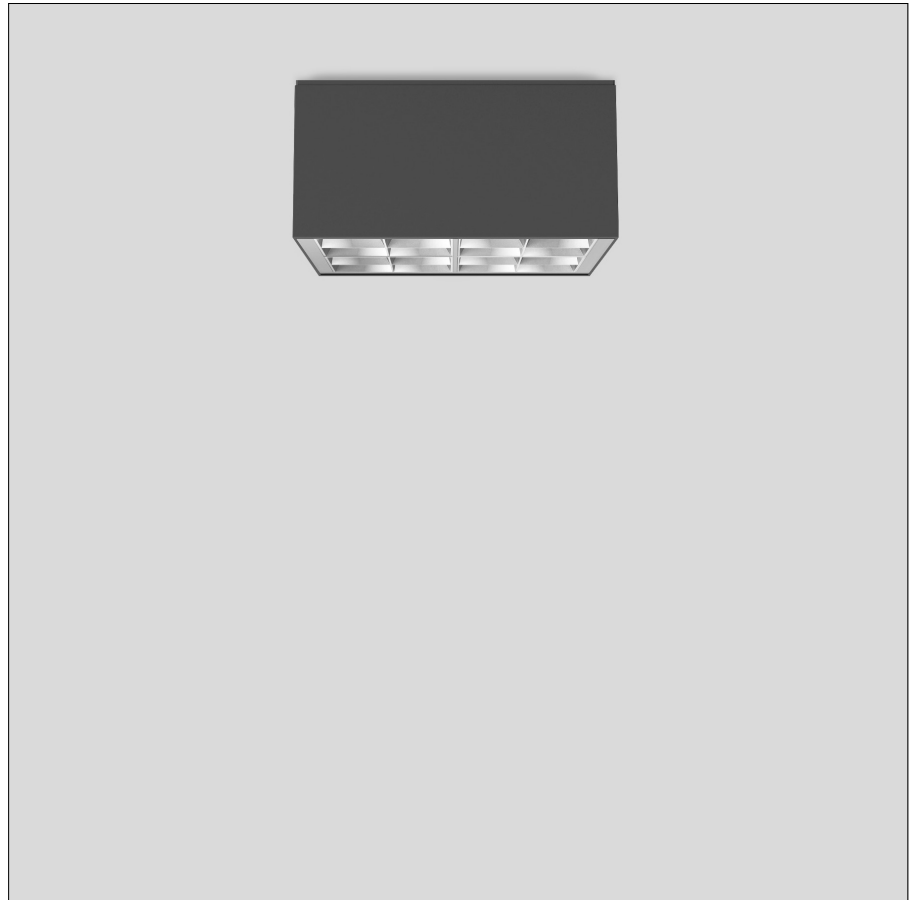
Inrush current: 20 A / 400 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:

B 10 A: 9 luminaires
 B 16 A: 15 luminaires
 C 10 A: 16 luminaires
 C 16 A: 25 luminaires

Lamp

Module connected wattage	33.6 W
Luminaire connected wattage	38.2 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 40$ °C

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



66 160 K3

Module designation	4x LED-0588/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	4640 lm
Luminaire luminous flux	3415 lm
Luminaire luminous efficiency	89,4 lm/W

66 160 K4

Module designation	4x LED-0588/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	4640 lm
Luminaire luminous flux	3415 lm
Luminaire luminous efficiency	89,4 lm/W

Service life · Ambient temperature

Ambient temperature $t_a = 25$ °C	
LED psu:	> 50,000 h
LED module:	81,000 h (L 80 B 50) 100,000 h (L 70 B 50)

Ambient temperature $t_a = 40$ °C	
LED psu:	50,000 h
LED module:	35,000 h (L 80 B 50) 53,000 h (L 70 B 50)

Lighting technology

Half beam angle 41°
 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**

Light distribution

