

BEGA**66 157**

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 4.8 mm
 Distance apart 70 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
 Safety class I
 Protection class IP 65
 Dust-tight and protection against water jets
 Impact strength IK06
 Protection against mechanical impacts < 1 joule
 – Safety mark
CE – Conformity mark
 Weight: 0.85 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

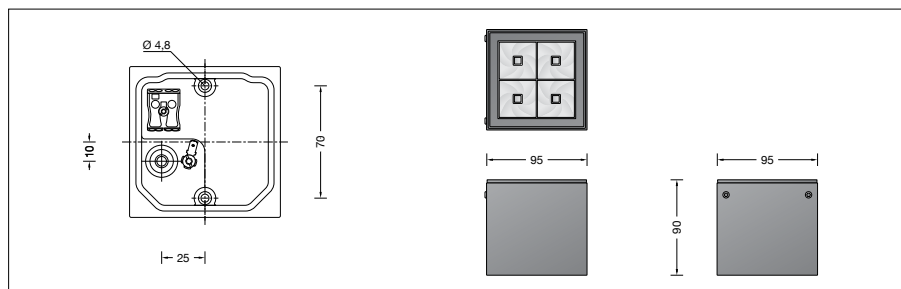
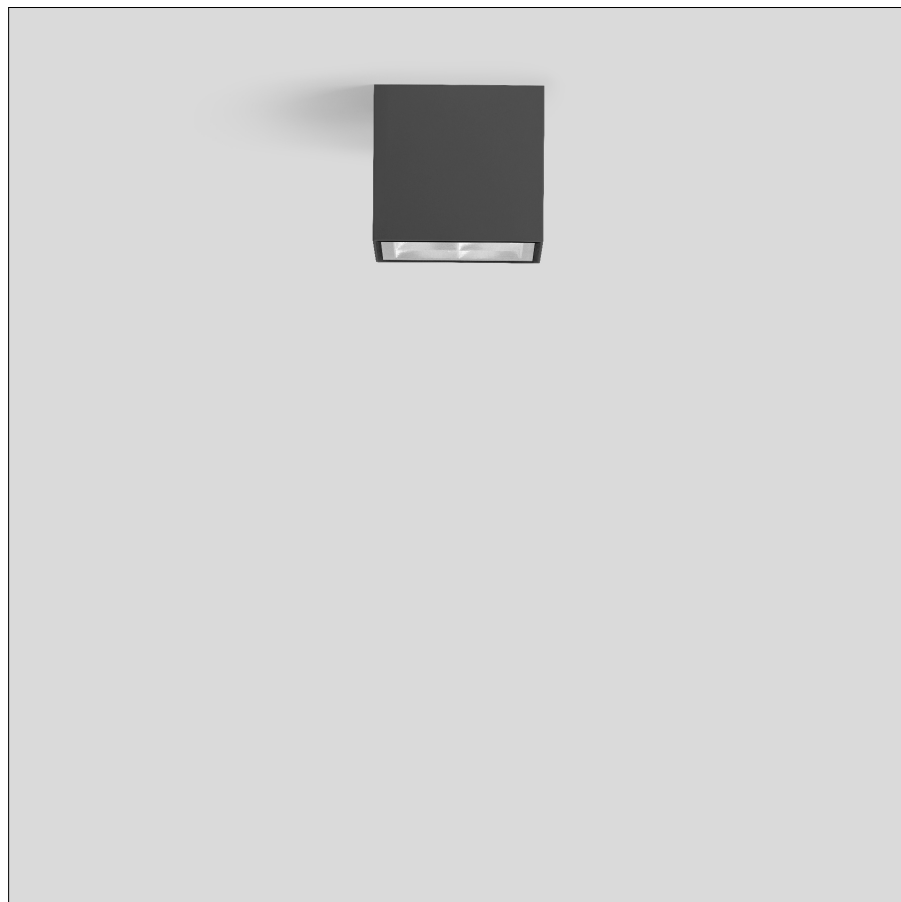
| | |
|-----------------------------|--|
| Module connected wattage | 3 W |
| Luminaire connected wattage | 4.1 W |
| Rated temperature | $t_a = 25^{\circ}\text{C}$ |
| Ambient temperature | $t_{a, \text{max}} = 50^{\circ}\text{C}$ |

66 157 K3

| | |
|-------------------------------|--------------|
| Module designation | LED-0591/830 |
| Colour temperature | 3000 K |
| Colour rendering index | CRI > 80 |
| Module luminous flux | 560 lm |
| Luminaire luminous flux | 424 lm |
| Luminaire luminous efficiency | 103,4 lm/W |

66 157 K4

| | |
|-------------------------------|--------------|
| Module designation | LED-0591/840 |
| Colour temperature | 4000 K |
| Colour rendering index | CRI > 80 |
| Module luminous flux | 580 lm |
| Luminaire luminous flux | 440 lm |
| Luminaire luminous efficiency | 107,3 lm/W |



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: | 167,000 h (L 80 B 50) 100,000 h (L 80 B 50) |

Lighting technology

Half beam angle 40°
 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. 66 157

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

