

BEGA**66 153**

Compact downlight



Project · Reference number

Date

Product data sheet

Application

Compact LED downlight with symmetrical narrow 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: 11 A / 112 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B10A: 34 luminaires
B16A: 55 luminaires
C10A: 57 luminaires
C16A: 92 luminaires

Lamp

Module connected wattage 8.4 W
Luminaire connected wattage 9.6 W
Rated temperature $t_a = 25^{\circ}\text{C}$
Ambient temperature $t_{a\text{max}} = 40^{\circ}\text{C}$

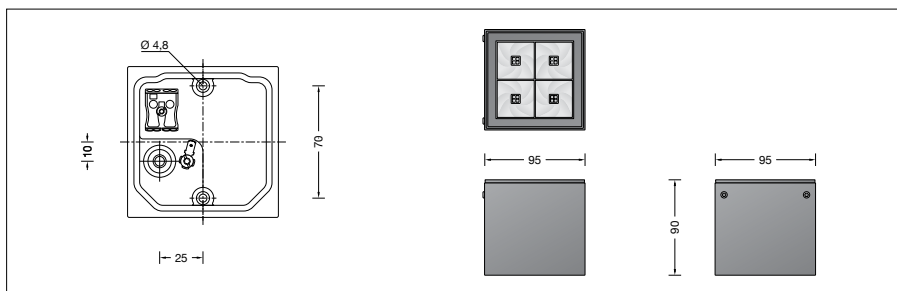
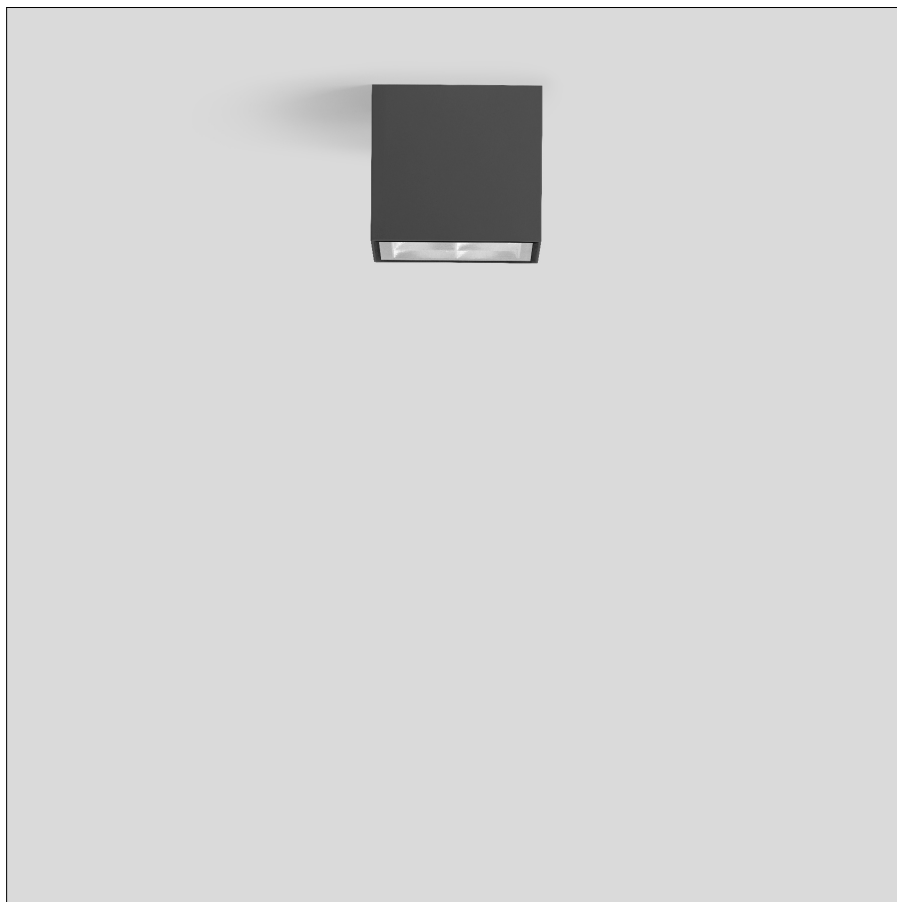
On request we can offer you modifications for
environments with higher temperatures as a
customized product.

66 153 K3

Module designation LED-0588/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 1160 lm
Luminaire luminous flux 636 lm
Luminaire luminous efficiency 66,2 lm/W

66 153 K4

Module designation LED-0588/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 1160 lm
Luminaire luminous flux 636 lm
Luminaire luminous efficiency 66,2 lm/W



Service life · Ambient temperature

Ambient temperature $t_a = 25^{\circ}\text{C}$
LED psu: > 50,000 h
LED module: 198,000 h (L80B50)
100,000 h (L90B50)

Ambient temperature $t_a = 40^{\circ}\text{C}$
LED psu: 50,000 h
LED module: 79,000 h (L80B50)
100,000 h (L70B50)

Lighting technology

Half beam angle 25°
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. 66 153

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**

Light distribution

