

BEGA**66 155**

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
BEGA Unidure® coating technology
Safety glass with optical structure
Silicone gasket
BEGA Vortex Optics®
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

Inrush current

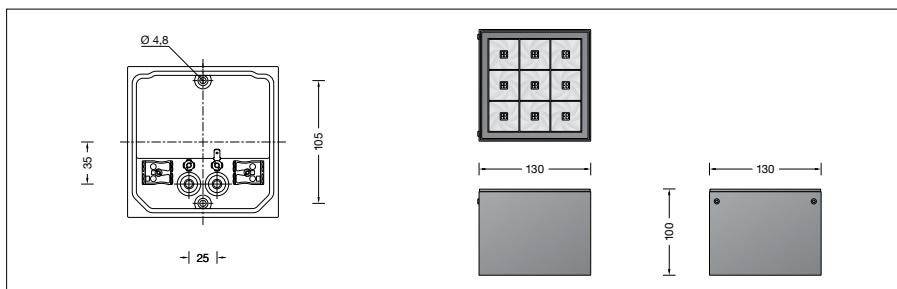
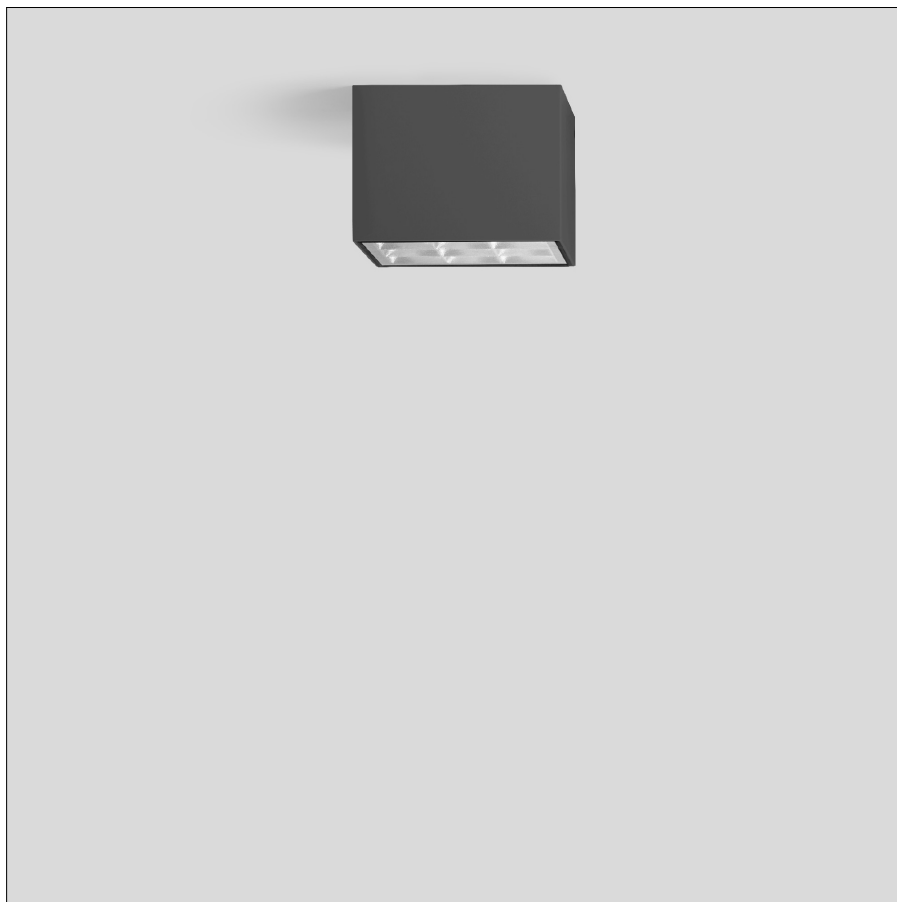
Inrush current: 12 A / 24.2 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:

B 10A: 50 luminaires
B 16A: 50 luminaires
C 10A: 50 luminaires
C 16A: 50 luminaires

Lamp

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

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



66 155 K3

Module designation LED-0586/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 2500 lm
Luminaire luminous flux 1370 lm
Luminaire luminous efficiency 67,8 lm/W

66 155 K4

Module designation LED-0586/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 2500 lm
Luminaire luminous flux 1370 lm
Luminaire luminous efficiency 67,8 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25$ °C
LED psu: > 50,000h
LED module: 117,000h (L80B50)

Ambient temperature $t_{a \max} = 30$ °C (100 %)
LED psu: 50,000h
LED module: 87,000h (L80B50)
100,000h (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. 66 155

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

