

BEGA**66 056**

Ceiling mounted downlight



Project · Reference number

Date

Product data sheet

Application

Surface mounted LED downlight with symmetrical light distribution. The partially frosted crystal glass produces an additional vertical light and supplements the light directed downwards by multi-faceted light graphics.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 Crystal glass with thread, partially frosted
 Silicone gasket
 Reflector made of pure anodised aluminium
 2 mounting holes \varnothing 4.5 mm
 Distance apart 100 mm
 2 cable entries for through-wiring of mains supply cable \varnothing 7-10.5 mm
 Connecting terminal and earth conductor terminal 2.5[□]
 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 IK07
 Protection against mechanical impacts < 2 joule
 – Safety mark
 – Conformity mark
 Weight: 1.2 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	4.8 W
Luminaire connected wattage	5.9 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 45^\circ\text{C}$

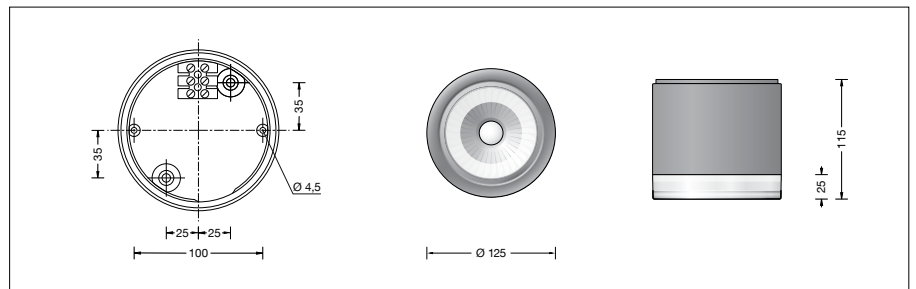
On request we can offer you modifications for environments with higher temperatures as a customized product.

66 056 K3

Module designation	LED-0336/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	940 lm
Luminaire luminous flux	575 lm
Luminaire luminous efficiency	97,5 lm/W

66 056 K4

Module designation	LED-0336/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	965 lm
Luminaire luminous flux	590 lm
Luminaire luminous efficiency	100 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 $t_a = 45^\circ\text{C}$	
LED psu:	50,000 h
LED module:	171,000 h (L 80 B 50) 100,000 h (L 90 B 50)

Lighting technology

Half beam angle 62°
 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

