

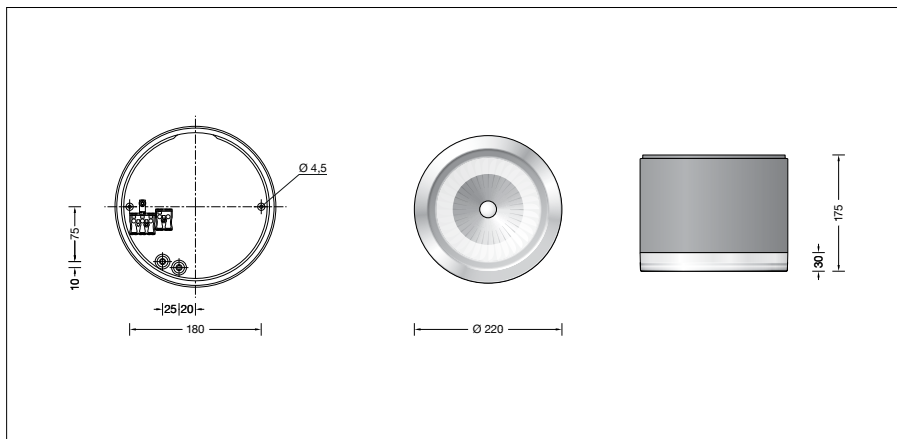
BEGA**66 058**

Ceiling mounted downlight



Project · Reference number

Date



Product data sheet

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 BEGA Unidure® coating technology
 Colour graphite or white
 Crystal glass with thread, partially frosted
 Silicone gasket
 Reflector made of pure anodised aluminium
 2 mounting holes $\varnothing$ 4.5 mm
 Distance apart 180 mm
 2 cable entries for through-wiring of mains supply cable $\varnothing$ 7-10.5 mm, max. 5 G 1.5[□]
 Connecting terminal and earth conductor terminal 2.5[□]
 LED power supply unit
 220-240 V $\sim$ 0/50-60 Hz
 DC 170-276 V
 DALI-controllable
 Number of DALI addresses: 1
 Basic insulation is provided between the mains and control cables
 BEGA Thermal Switch®
 Temporary thermal shutdown to protect temperature-sensitive components
 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
 – Conformity mark
 Weight: 4.2 kg
 This product contains light sources of energy efficiency class(es) D

Application

Surface mounted 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.

Lamp

Module connected wattage	35.7 W
Luminaire connected wattage	39.3 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.

66 058 K3

Module designation	LED-0785/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	6010 lm
Luminaire luminous flux	3278 lm
Luminaire luminous efficiency	83,4 lm/W

66 058 K4

Module designation	LED-0785/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	6165 lm
Luminaire luminous flux	3363 lm
Luminaire luminous efficiency	85,6 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$	
LED psu:	> 50,000 h
LED module:	145,000 h (L 80 B 50)

Ambient temperature max. $t_a = 40^\circ\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	110,000 h (L 80 B 50)

Lighting technology

Half beam angle 46°
 Luminaire data for the DIALux lighting design program for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on our website at www.bega.com.

Inrush current

Inrush current: 10 A / 200 μs
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10A: 18 luminaires
 B 16A: 30 luminaires
 C 10A: 31 luminaires
 C 16A: 51 luminaires

Ratio of luminous flux

Luminous flux upper half-space	6,1 %
Luminous flux lower half-space	93,9 %

BUG rating according to IES TM-15-07:
 2-3-1
 CEN Flux Code according to EN 13032-2:
 64-88-97-94-100-15-44-73-6

BEGA Constant Optics®

BEGA Constant Optics® is an efficient optical system that is virtually impervious to wear and tear. The durable materials used, including glass, pure aluminium and silicone, show no effects of ageing, even under extreme conditions like high temperatures and UV radiation.

Article No. 66 058

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

