

BEGA**66 058**

Ceiling mounted downlight



Project · Reference number

Date

Product data sheet

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.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
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
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

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.

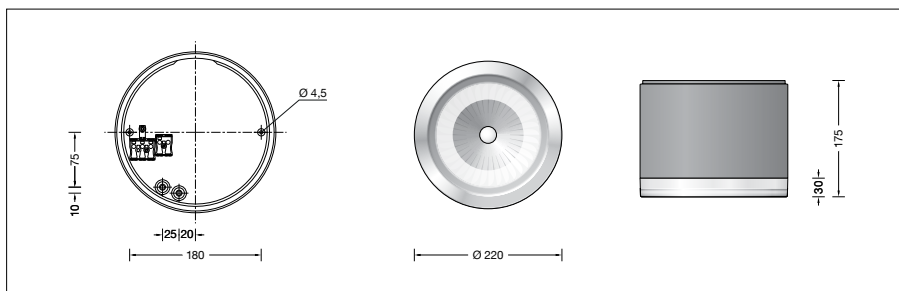
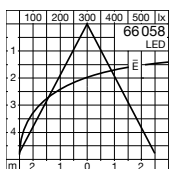
66 058 K3

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

Light distribution



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$
LED psu: > 50,000 h
LED module: 145,000 h (L80 B50)

Ambient temperature max. $t_a = 40^\circ\text{C}$ (100 %)
LED psu: 50,000 h
LED module: 110,000 h (L80 B50)

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.

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

Inrush current

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

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**