

**BEGA****66 051**

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  
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 115 mm  
2 cable entries for through-wiring of mains  
supply cable  $\varnothing$  7-10.5 mm, max. 5 G 1.5<sup>□</sup>  
Connecting terminal and  
earth conductor terminal 2.5<sup>□</sup>  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DALI-controllable  
Number of DALI addresses: 1  
Basic insulation is provided between the mains  
and control cables  
BEGA Thermal Control®  
Temporary thermal regulation to protect  
temperature-sensitive components without  
switching off the luminaire  
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: 2.0 kg  
This product contains light sources of energy  
efficiency class(es) D, E

### Lamp

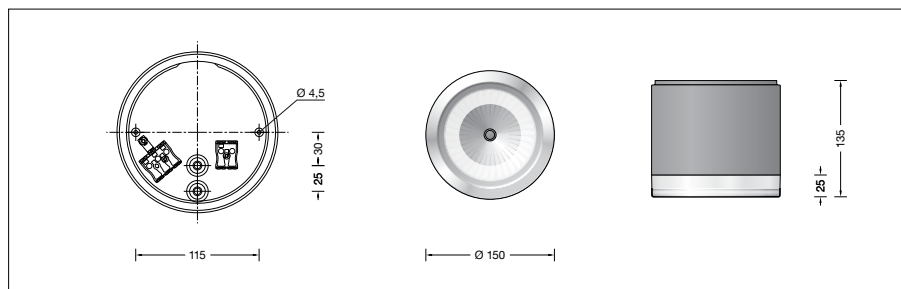
Module connected wattage	10 W
Luminaire connected wattage	11.7 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 50^\circ\text{C}$

### 66 051 K3

Module designation	LED-0839/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1450 lm
Luminaire luminous flux	798 lm
Luminaire luminous efficiency	68,2 lm/W

### 66 051 K4

Module designation	LED-0839/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1550 lm
Luminaire luminous flux	853 lm
Luminaire luminous efficiency	72,9 lm/W



### Service life · Ambient temperature

Rated 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 max.  $t_a = 50^\circ\text{C}$  (100 %)  
LED psu: 50,000 h  
LED module: 150,000 h (L 80 B 50)

### Lighting technology

Half beam angle  $57^\circ$   
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](http://www.bega.com).

### Inrush current

Inrush current: 16 A / 100  $\mu\text{s}$   
Maximum number of luminaires of this  
type per miniature circuit breaker:  
B 10 A: 25 luminaires  
B 16 A: 55 luminaires  
C 10 A: 45 luminaires  
C 16 A: 70 luminaires

### Ratio of luminous flux

Luminous flux upper half-space	5,1 %
Luminous flux lower half-space	94,9 %

BUG rating according to IES TM-15-07:  
1–2–0  
CEN Flux Code according to EN 13032-2:  
67–89–97–95–100–15–44–74–5

### Article No. 66 051

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

