

**BEGA****66 058**

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 180 mm  
 2 cable entries for through-wiring of mains supply cable  $\varnothing$  7-10,5 mm, max. 5G1.5<sup>□</sup>  
 Connecting terminal and earth conductor terminal 2,5<sup>□</sup>  
 LED power supply unit  
 220-240 V  $\sim$  0/50-60 Hz  
 DC 170-276 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 IK06  
 Protection against mechanical impacts < 1 joule  
 – Safety mark  
 – Conformity mark  
 Weight: 4.2 kg

### Lamp

Module connected wattage	35.7 W
Luminaire connected wattage	39.3 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 40$ °C

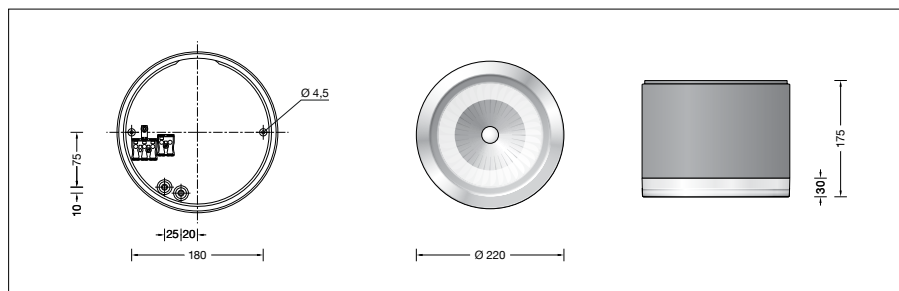
On request we can offer you modifications for environments with higher temperatures as a customized product.

### 66 058 K3

Module designation	LED-0624/830
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-0624/840
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

Ambient temperature $t_a = 25$ °C	
LED psu:	> 50,000 h
LED module:	140,000 h (L 80 B 50)
	100,000 h (L 80 B 50)

Ambient temperature $t_a = 40$ °C	
LED psu:	50,000 h
LED module:	110,000 h (L 80 B 50)
	100,000 h (L 80 B 50)

### Inrush current

Inrush current: 20 A / 400  $\mu$ s  
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B 10A: 9 luminaires  
 B 16A: 15 luminaires  
 C 10A: 16 luminaires  
 C 16A: 25 luminaires

### Lighting technology

Half beam angle 46°  
 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](http://www.bega.com).

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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

