

**BEGA****66 055**

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-facetted 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 75 mm  
 1 cable entry for mains supply cable up to  $\varnothing$  10,5 mm max.  $3 \times 1,5$ <sup>□</sup>  
 Connection terminal 2.5<sup>□</sup>  
 Earth conductor connection  
 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 IK06  
 Protection against mechanical impacts < 1 joule  
 – Safety mark  
 – Conformity mark  
 Weight: 0.7 kg

### Inrush current

Inrush current: 7 A / 112  $\mu$ 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

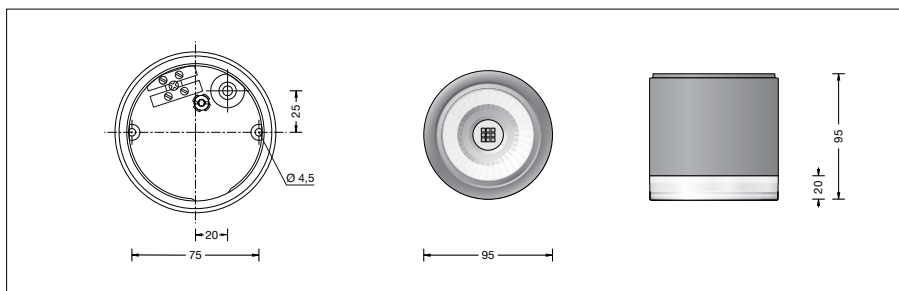
Module connected wattage 3 W  
 Luminaire connected wattage 4.1 W  
 Rated temperature  $t_a = 25$  °C  
 Ambient temperature  $t_{a \max} = 50$  °C

### 66 055 K3

Module designation LED-0488/930  
 Colour temperature 3000 K  
 Colour rendering index CRI > 90  
 Module luminous flux 445 lm  
 Luminaire luminous flux 301 lm  
 Luminaire luminous efficiency 73,4 lm/W

### 66 055 K4

Module designation LED-0488/940  
 Colour temperature 4000 K  
 Colour rendering index CRI > 80  
 Module luminous flux 460 lm  
 Luminaire luminous flux 311 lm  
 Luminaire luminous efficiency 75,9 lm/W



### Service life · Ambient temperature

Ambient temperature  $t_a = 25$  °C  
 LED psu: > 50,000 h  
 LED module: > 200,000 h (L 80 B 50)  
 100,000 h (L 90 B 50)

Ambient temperature  $t_a = 50$  °C  
 LED psu: 50,000 h  
 LED module: 106,000 h (L 80 B 50)  
 100,000 h (L 80 B 50)

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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**

### Lighting technology

Half beam angle 70°  
 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).

### Light distribution

