

BEGA**66 055**

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 75 mm
1 cable entry for mains supply cable
up to \varnothing 10,5 mm
Connection terminal 2.5²
Earth conductor connection
BEGA Ultimate Driver®
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-264 V
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: 0.7 kg
This product contains light sources of energy
efficiency class(es) D

Inrush current

Inrush current: 7.8 A / 112 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:

B 10 A: 38 luminaires
B 16 A: 61 luminaires
C 10 A: 64 luminaires
C 16 A: 102 luminaires

Lamp

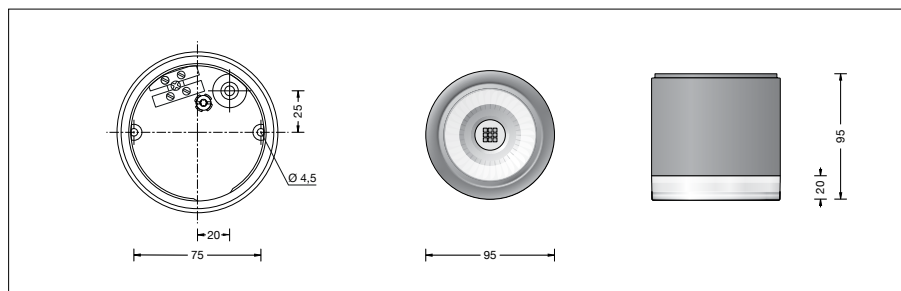
Module connected wattage 3 W
Luminaire connected wattage 4.1 W
Rated temperature $t_a = 25^\circ\text{C}$
Ambient temperature $t_{a\text{ max}} = 50^\circ\text{C}$

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

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: 106,000 h (L 80 B 50)

Ratio of luminous flux

Luminous flux upper half-space 7,3 %
Luminous flux lower half-space 92,7 %

BUG rating according to IES TM-15-07:
0–1–0
CEN Flux Code according to EN 13032-2:
63–87–97–93–100–15–41–72–7

Lighting technology

Half beam angle 70°
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.

Article No. 66 055

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

