

Project · Reference number

Date

**Application**

Surface mounted LED downlight with rotationally symmetrical wide beam light distribution.

The used LED technique offers durability and optimal light output with low power consumption at the same time.

**Product description**

Luminaire made of aluminium alloy, aluminium and stainless steel

Clear safety glass

Silicone gasket

Reflector made of pure anodised aluminium

Toolless closure

2 fixing holes  $\varnothing$  4.5 mm

75 mm spacing

1 cable entry for mains supply cable

up to  $\varnothing$  10,5 mm max.  $3 \times 1,5^{\square}$

Connecting terminal  $2.5^{\square}$

Earth conductor connection

LED power supply unit

220-240 V  $\sim$  0/50-60 Hz

Safety class I

Protection class IP 65

Dust-tight and protection against water jets

Impact strength IK06

Protection against mechanical

impacts < 1 joule

**CE** – Conformity mark

Weight: 0.55 kg

**Light technique**

Half beam angle  $90^{\circ}$ .

Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting as well as luminaire data in EULUMDAT and IES-format you will find on the BEGA web page [www.bega.com](http://www.bega.com).

**Lamp**

Module connected wattage 4.2 W

Luminaire connected wattage 6 W

Rated temperature  $t_a = 25^{\circ}\text{C}$

Ambient temperature  $t_{a\text{max}} = 35^{\circ}\text{C}$

**66 975**

Module designation LED-0383/830

Colour temperature 3000 K

Colour rendering index  $R_a > 80$

Module luminous flux 490 lm

Luminaire luminous flux 348 lm

Luminaire luminous efficiency 58 lm/W

**66 975 K4**

Module designation LED-0383/840

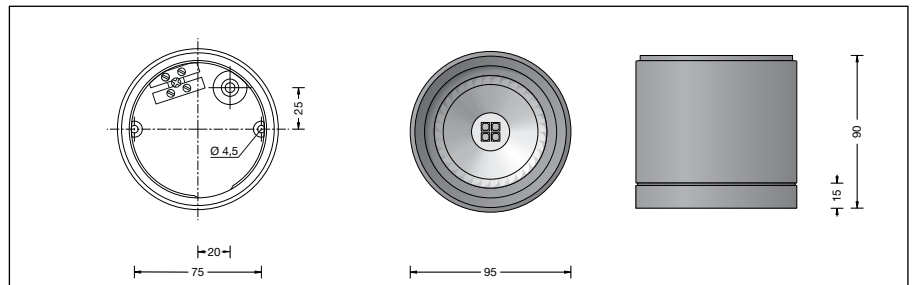
Colour temperature 4000 K

Colour rendering index  $R_a > 80$

Module luminous flux 525 lm

Luminaire luminous flux 368 lm

Luminaire luminous efficiency 61,3 lm/W

[www.bega.com](http://www.bega.com)**Lifetime of the LED**

Ambient temperature  $t_a = 15^{\circ}\text{C}$

– at 50,000h: L90B10

– at 490,000h: L70B50

Ambient temperature  $t_a = 25^{\circ}\text{C}$

– at 50,000h: L90B10

– at 360,000h: L70B50

max. ambient temperature  $t_a = 35^{\circ}\text{C}$

– at 50,000h: L90B10

– at 280,000h: L70B50

**Inrush current**

Inrush current: 20 A / 170  $\mu\text{s}$

Maximum number of luminaires of this type per miniature circuit breaker:

B 10A: 31 luminaires

B 16A: 50 luminaires

C 10A: 52 luminaires

C 16A: 85 luminaires

**Article No. 66 975**

LED colour temperature optionally 3000 K or 4000 K

3000 K – Article number

4000 K – Article number + **K4**

Colour graphite or white

graphite – article number

white – article number + **W**

**Light distribution**