

Product data sheet**Recessed ceiling luminaire**IP 65  **66 873**

Project · Reference number

Date

Application

LED recessed ceiling luminaire with symmetrical 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 anodised pure aluminium

Ceiling aperture \varnothing 175 mm

Recessed depth required 100 mm

Fixing is achieved by using two adjustable wedge-shaped claws

2 cable entries for through-wiring of mains

supply cable \varnothing 7-10,5 mm,max. 5 G 1.5[□]Connecting terminal 2.5[□]

Earth conductor connection

LED power supply unit

220-240 V ~ 0/50-60 Hz

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 IK07

Protection against mechanical

impacts < 2 joule

 – Safety mark – Conformity mark

Weight: 1.4 kg

Light technique

Half beam angle 36°.

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.**Lamp**

Module connected wattage 10.5 W

Luminaire connected wattage 13 W

Rated temperature $t_a = 25\text{ °C}$ Ambient temperature $t_{a\text{ max}} = 40\text{ °C}$ **66 873**

Module designation LED-0340/830

Colour temperature 3000 K

Colour rendering index $R_a > 80$

Module luminous flux 1230 lm

Luminaire luminous flux 937 lm

Luminaire luminous efficiency 72,1 lm/W

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Module designation LED-0340/840

Colour temperature 4000 K

Colour rendering index $R_a > 80$

Module luminous flux 1320 lm

Luminaire luminous flux 1006 lm

Luminaire luminous efficiency 77,4 lm/W

Lifetime of the LEDAmbient temperature $t_a = 15\text{ °C}$

– at 50,000h: L 90 B 10

– at 330,000h: L 70 B 50

Ambient temperature $t_a = 25\text{ °C}$

– at 50,000h: L 90 B 10

– at 260,000h: L 70 B 50

max. ambient temperature $t_a = 40\text{ °C}$

– at 50,000h: L 90 B 50

– at 230,000h: L 70 B 50

Inrush currentInrush current: 21 A / 18.2 μ s

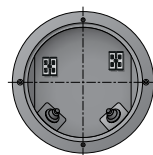
Maximum number of luminaires of this type per miniature circuit breaker:

B 10 A: 50 luminaires

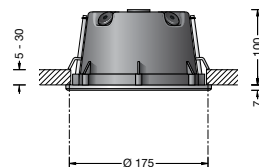
B 16 A: 50 luminaires

C 10 A: 50 luminaires

C 16 A: 50 luminaires

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 \varnothing 175

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Colour temperature 3000 K.

Also available with 4000 K on request.

3000 K – article number

4000 K – article number + **K4**

Colour white or silver

white – article number

silver – article number + **A****Accessories****10 486** Installation housing

A separate instructions for use can be provided upon request.

Light distribution