

BEGA**51 103.1**

Recessed ceiling downlight for indoor use



Project · Reference number

Date

Product data sheet

Application

Ceiling luminaire downlight · indoor luminaire with symmetrical wide beam light distribution. Ready-to-connect set of 6 including external phase-dimmable LED power supply unit and connection cables between the luminaires. For installation in suspended ceilings of 3-18mm in interior applications.

Product description

Set of 6 ready-to-connect recessed ceiling luminaire downlights including external power supply unit

Luminaire housing made of die-cast zinc finish Colour velvet white

Reflector surface made of pure aluminium

Fixing is achieved by using

2 fastening springs

Recessed opening \varnothing 68 mm

Required installation depth 86 mm

Connection cable with 2-pole plug connector between luminaires and external LED power supply unit (see sketch)

External LED power supply unit

220-240 V \sim 50-60 Hz

Dimmable via a leading-edge or trailing-edge dimmer

Safety class II 

CE – Conformity mark

Weight: 1.0 kg

This product contains light sources of energy efficiency class(es) E

Inrush current

Inrush current: 15 A / 40 μ s

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

B 10A: 15 luminaires

B 16A: 25 luminaires

C 10A: 15 luminaires

C 16A: 25 luminaires

Light technique

Symmetrical wide beam light distribution

Half beam angle 30°

Lamp

Module connected wattage 4 W

Luminaire connected wattage 33 W

Rated temperature $t_a = 25$ °C

Ambient temperature $t_{a \max} = 25$ °C

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Module designation 6x LED-1208/927

Colour temperature 2700 K

Colour rendering index CRI > 90

Module luminous flux 3240 lm

Luminaire luminous flux 1900 lm

Luminaire luminous efficiency 57,6 lm/W

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Module designation 6x LED-1208/930

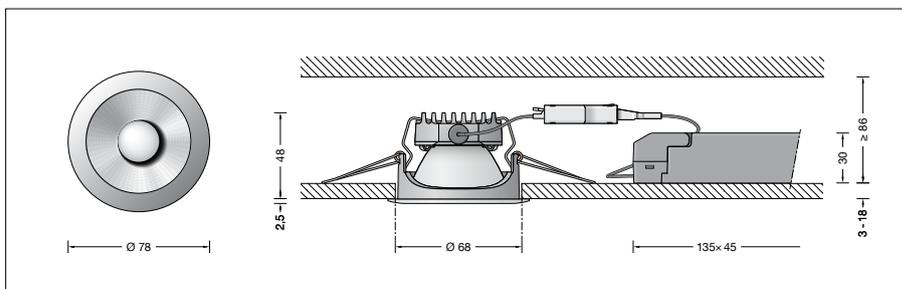
Colour temperature 3000 K

Colour rendering index CRI > 90

Module luminous flux 3480 lm

Luminaire luminous flux 2040 lm

Luminaire luminous efficiency 61,8 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25$ °C

LED psu: > 50,000 h

LED module: 100,000 h (L80B50)

Ambient temperature max. $t_a = 25$ °C (100 %)

LED psu: 50,000 h

LED module: 100,000 h (L80B50)

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Colour temperature 2700 K.

Also available with 3000 K on request.

2700 K – article number + **K27**

3000 K – article number + **K3**