

BEGA**50 144.2**

Ceiling and wall luminaire for indoor use



Project · Reference number

Date

Product data sheet

Application

LED ceiling and wall luminaire · indoor luminaire made of impact resistant synthetic diffuser and aluminium housing.

Luminaire with free-radiating and uniform light distribution.

By arraying single luminaires in line light bands of different length can be arranged for linear illumination in interior.

Product description

Luminaire made of aluminium, matt surface finish

Light-diffusing synthetic luminaire cover

3 elongated fixing holes

Width 6.5 mm

Connection terminal 2.5[□]

Earth conductor connection

2-pole connecting terminal for digital control

LED power supply unit

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

DALI controllable

A basic isolation exists between power cable and control line

Safety class I

– Safety mark

CE – Conformity mark

Weight: 4.9 kg

Light technique

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 70.4 W

Luminaire connected wattage 80 W

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

Ambient temperature $t_{a\text{ max}} = 40\text{ °C}$

50 144.2 K3

Module designation 8x LED-0694/930

Colour temperature 3000 K

Colour rendering index CRI > 90

Module luminous flux 10960 lm

Luminaire luminous flux 8981 lm

Luminaire luminous efficiency 112,3 lm/W

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Module designation 8x LED-0694/940

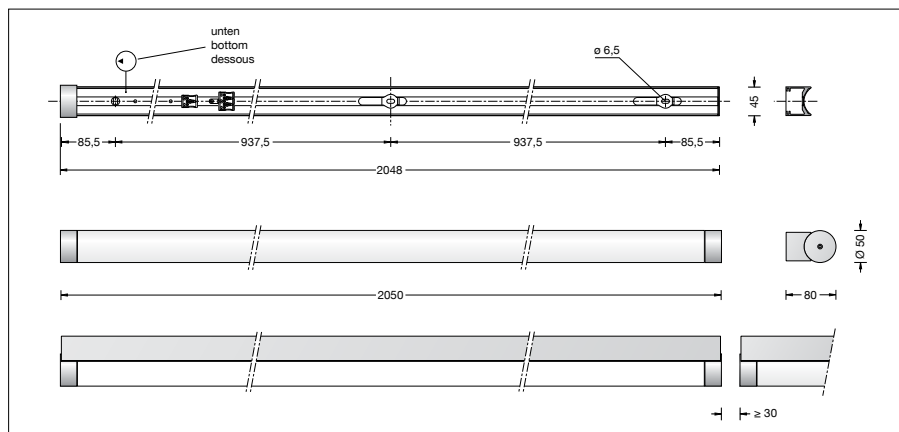
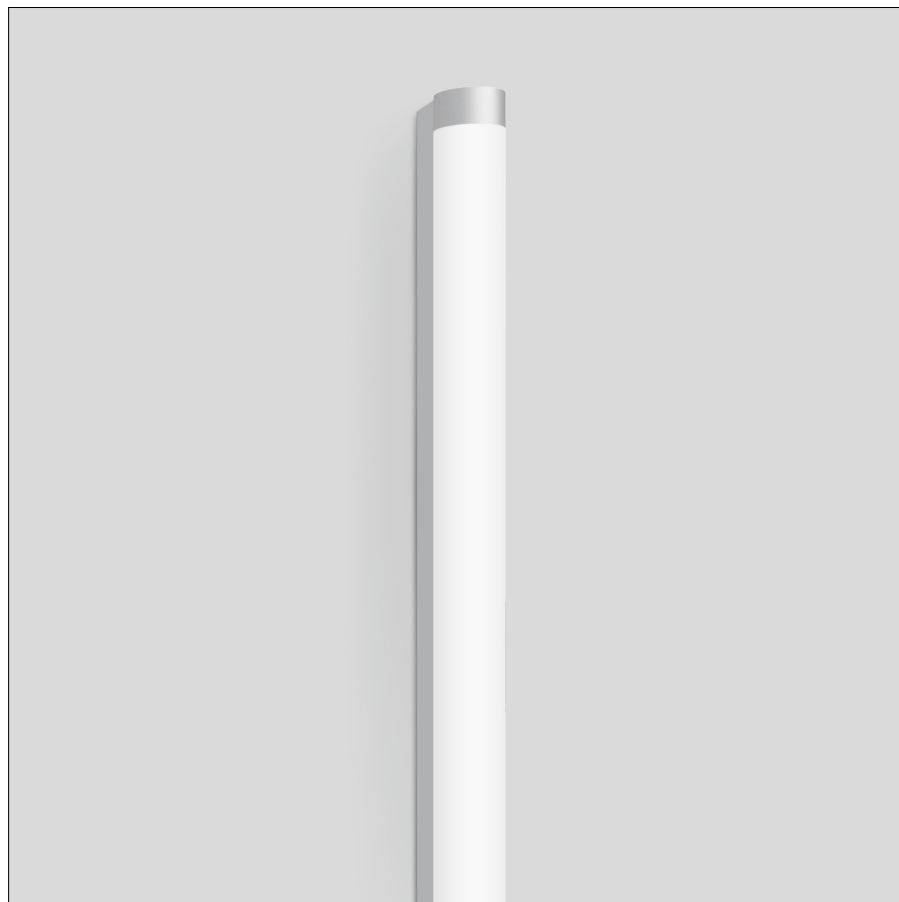
Colour temperature 4000 K

Colour rendering index CRI > 90

Module luminous flux 11320 lm

Luminaire luminous flux 9276 lm

Luminaire luminous efficiency 116 lm/W



Service life of the LED

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

– at 229,000h: L70B50

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

– at 95,000h: L70B50

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LED colour temperature optionally 3000 K or 4000 K

3000 K – Article number + **K3**

4000 K – Article number + **K4**

Finish options

- Enamel, white
- Aluminium, matt

Code number **.1**

Code number **.2**