

**BEGA****50 142.2**

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

2 elongated fixing holes

Width 6.5 mm · 875 mm spacing

Connection terminal 2.5<sup>2</sup>

Earth conductor connection

2-pole connecting terminal for digital control

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

– Safety mark

**CE** – Conformity mark

Weight: 2.3 kg

### Inrush current

Inrush current: 53 A / 200 μs

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

B 10A: 8 luminaires

B 16A: 13 luminaires

### 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](http://www.bega.com).

### Lamp

Module connected wattage 35.2 W

Luminaire connected wattage 41 W

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

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

### 50 142.2 K3

Module designation 4x LED-0694/930

Colour temperature 3000 K

Colour rendering index CRI > 90

Module luminous flux 5480 lm

Luminaire luminous flux 4357 lm

Luminaire luminous efficiency 106,3 lm/W

### 50 142.2 K4

Module designation 4x LED-0694/940

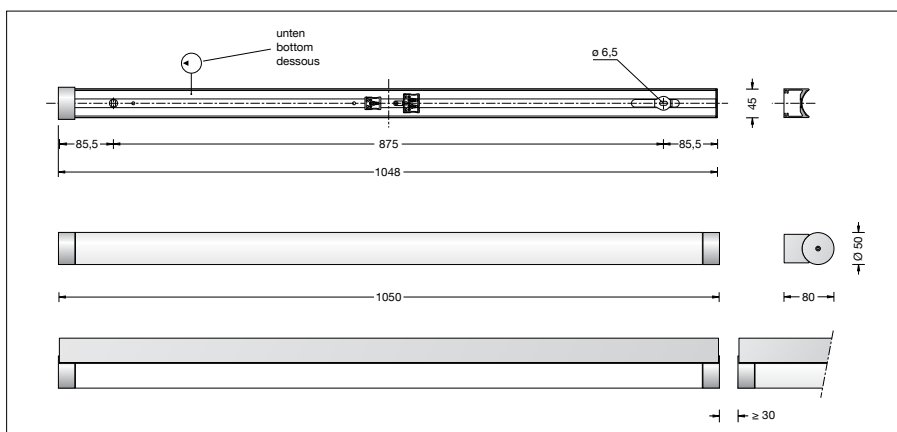
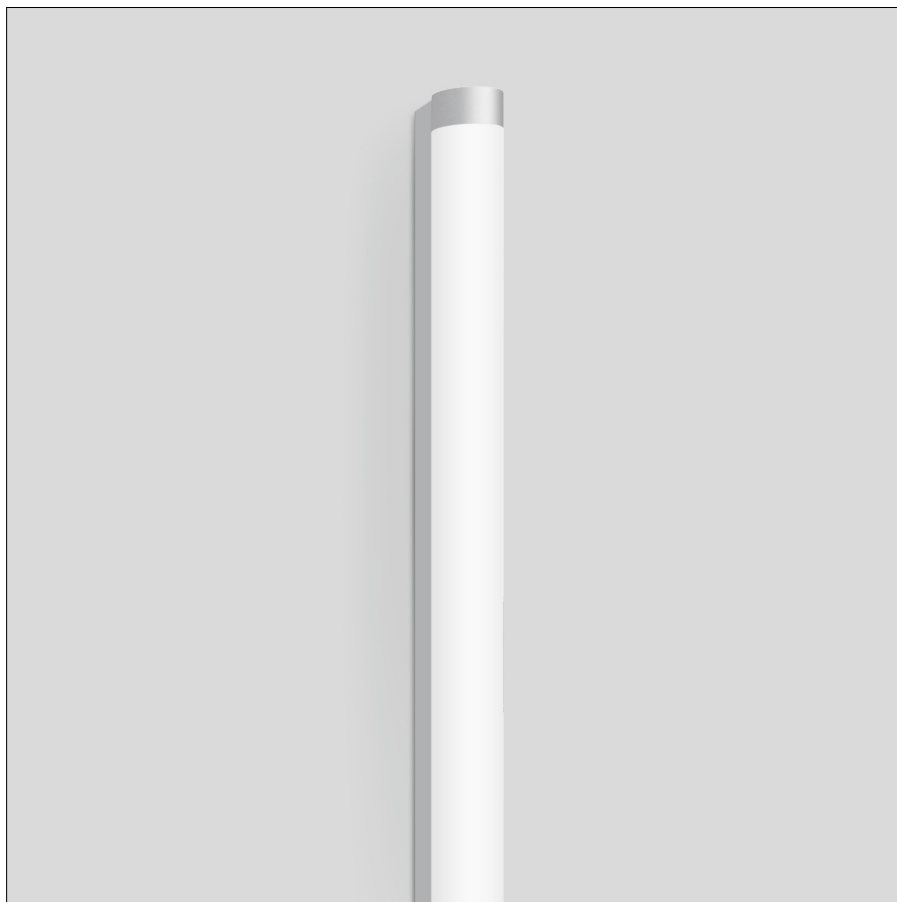
Colour temperature 4000 K

Colour rendering index CRI > 90

Module luminous flux 5660 lm

Luminaire luminous flux 4500 lm

Luminaire luminous efficiency 109,8 lm/W



### Service life of the LED

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

– at 254,000h: L 70 B 50

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

– at 79,000h: L 70 B 50

### Article No. 50 142.2

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**