

**BEGA****50 218.1**

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, finish white enamel

Light-diffusing synthetic luminaire cover

4 elongated fixing holes

Width 5,5 mm

Connection terminal 2.5<sup>□</sup>

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: 5.0 kg

### Inrush current

Inrush current: 53 A / 200  $\mu$ s

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

B 10A: 8 luminaires

B 16A: 13 luminaires

C 10A: 8 luminaires

C 16A: 13 luminaires

### Lamp

Module connected wattage 70.4 W

Luminaire connected wattage 80 W

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

Ambient temperature  $t_{a\text{max}} = 45\text{ }^\circ\text{C}$

### 50 218.1 K3

Module designation 8x LED-0694/930

Colour temperature 3000 K

Colour rendering index CRI > 90

Module luminous flux 10960 lm

Luminaire luminous flux 9425 lm

Luminaire luminous efficiency 117,8 lm/W

### 50 218.1 K4

Module designation 8x LED-0694/940

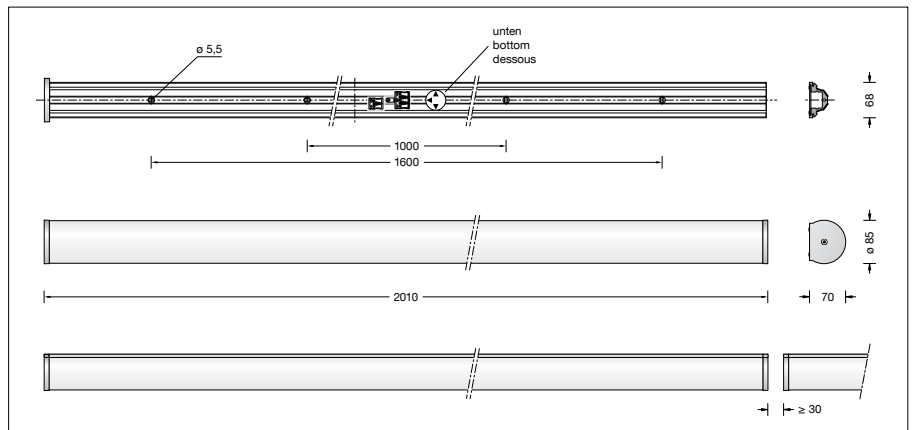
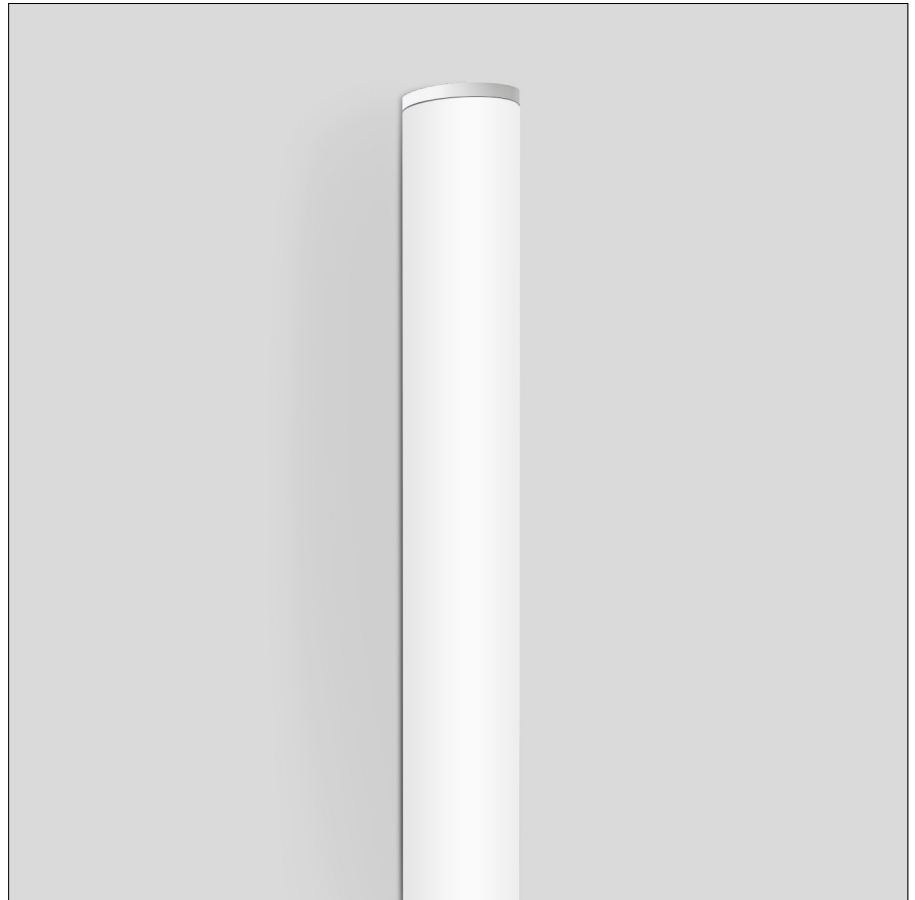
Colour temperature 4000 K

Colour rendering index CRI > 90

Module luminous flux 11320 lm

Luminaire luminous flux 9735 lm

Luminaire luminous efficiency 121,7 lm/W



### Service life of the LED

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

– at 371,000h: L70B50

max. ambient temperature  $t_a = 45\text{ }^\circ\text{C}$

– at 111,000h: 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**