

**BEGA****12 197.1**

Recessed ceiling luminaire for indoor use



Project · Reference number

Date

## Product data sheet

### Application

Recessed LED-ceiling luminaire and crystal glass inside and symmetrical narrow beam light distribution for connection to external LED power supply unit.

For installation in suspended ceilings of 3-20 mm in interior applications.

If this luminaire should be integrated into a LCN or Zigbee controlled building management system we recommend our BEGA Control light control system.

### Product description

LED recessed luminaire without power supply unit

Luminaire made of cast aluminium, aluminium and stainless steel

Crystal glass

Reflector surface made of pure aluminium

Aluminium cover trim, finish white enamel

Fixing is achieved by using two pivoting wedge-shaped claws

Required recessed opening 93 x 93 mm

Recessed depth 88 mm

1 connecting cable with strain relief and plug connector system for BEGA power supply unit, on/off or DALI

Safety class III

Impact strength IK06

Protection against mechanical

impacts < 1 joule

**CE** – Conformity mark

Weight: 0.54 kg

### Lighting technology

Half beam angle 25°

Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and interior lighting as well as luminaire data in EULUMDAT and IES format are available on our website [www.bega.com](http://www.bega.com).

### Lamp

Module connected wattage 8.4 W

Luminaire connected wattage 10.6 W

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

Ambient temperature  $t_{a,max} = 35 \text{ °C}$

### 12 197.1 K3

Module designation LED-0588/930

Colour temperature 3000 K

Colour rendering index CRI > 90

Module luminous flux 1010 lm

Luminaire luminous flux 640 lm

Luminaire luminous efficiency 60,4 lm/W

### 12 197.1 K4

Module designation LED-0588/940

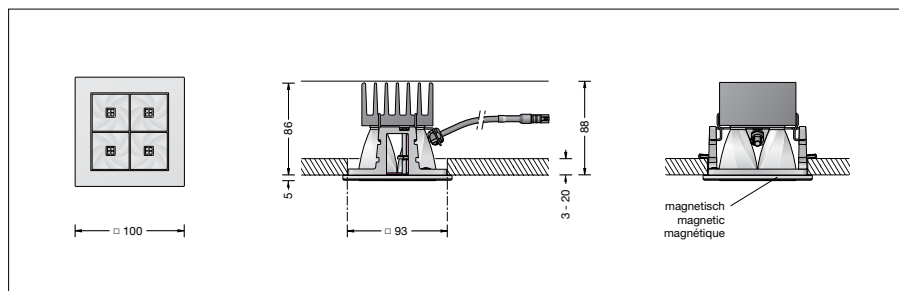
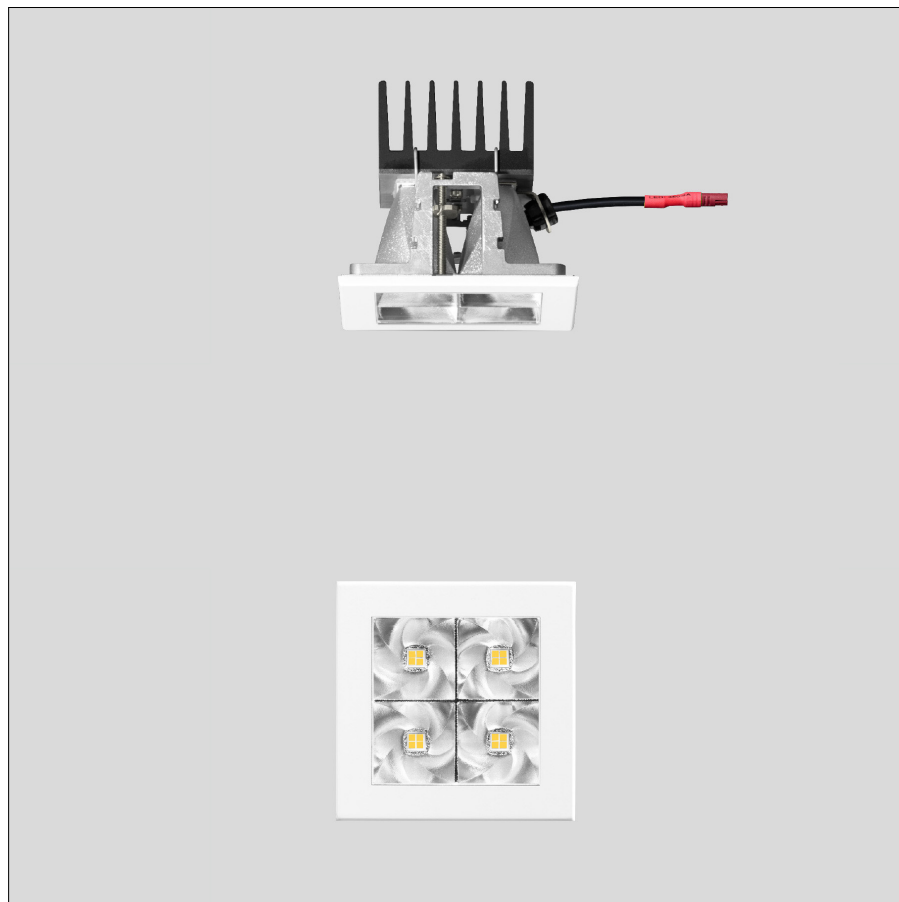
Colour temperature 4000 K

Colour rendering index CRI > 90

Module luminous flux 1050 lm

Luminaire luminous flux 640 lm

Luminaire luminous efficiency 60,4 lm/W



### Service life of the LED

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

– at 157,000h: L70B50

max. ambient temperature  $t_a = 35 \text{ °C}$

– at 89,000h: L70B50

### Accessories

Power supply units for LED luminaires 220-240 V · 0/50-60 Hz with strain relief and plug connector system.

**13 144** Power supply unit on/off

**13 169** Power supply unit DALI

The power supply units are only suitable for the operation of one LED luminaire. For the accessories a separate instructions for use can be provided upon request.

### Article No. 12 197.1

LED colour temperature optionally 3000 K or 4000 K

3000 K – Article number + **K3**

4000 K – Article number + **K4**

Optional finishes

- White enamel code number **.1**
- Stainless steel code number **.2**
- Polished aluminium code number **.3**