

**BEGA****22 470**

Ceiling and wall luminaire



Project · Reference number

Date

## Product data sheet

### Application

Impact resistant LED ceiling and wall luminaire for a variety of lighting tasks.

A luminaire made of die cast aluminium and impact resistant crystal glass.

### Product description

Luminaire made of aluminium alloy,

aluminium and stainless steel

Crystal glass with optical structure

Silicone gasket

2 mounting holes  $\varnothing$  5 mm

Distance apart 195 mm

2 cable entries for through-wiring of mains supply cable  $\varnothing$  7-10.5 mm, max. 5G1.5<sup>□</sup>

Connection terminal 2.5<sup>□</sup>

Earth conductor connection

LED power supply unit

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

DC 176-264 V

During DC operation the LED power is reduced to 100 %

DALI controllable

A basic isolation exists between power cable and control line

BEGA Thermal Control<sup>®</sup>

Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire

Safety class I

Protection class IP 65

Dust-tight and protection against water jets

Impact strength IK06

Protection against mechanical

impacts < 1 joule

– Safety mark

– Conformity mark

Weight: 2.1 kg

### Lamp

Module connected wattage

11.6 W

Luminaire connected wattage

13.8 W

Rated temperature

$t_a = 25$  °C

Ambient temperature

$t_{a \max} = 45$  °C

### 22 470 K3

Module designation

LED-0848/830

Colour temperature

3000 K

Colour rendering index

CRI > 80

Module luminous flux

2255 lm

Luminaire luminous flux

1286 lm

Luminaire luminous efficiency

93,2 lm/W

### 22 470 K4

Module designation

LED-0848/840

Colour temperature

4000 K

Colour rendering index

CRI > 80

Module luminous flux

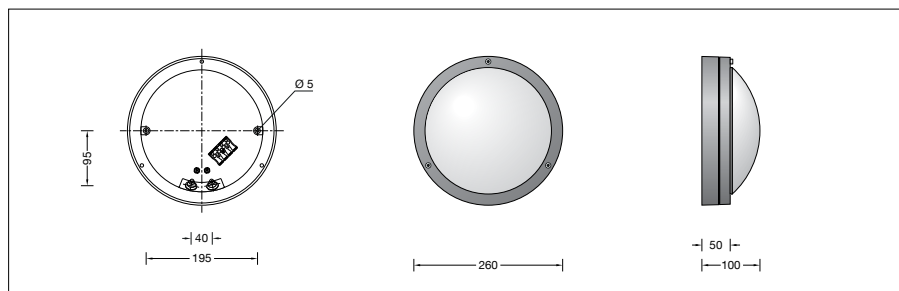
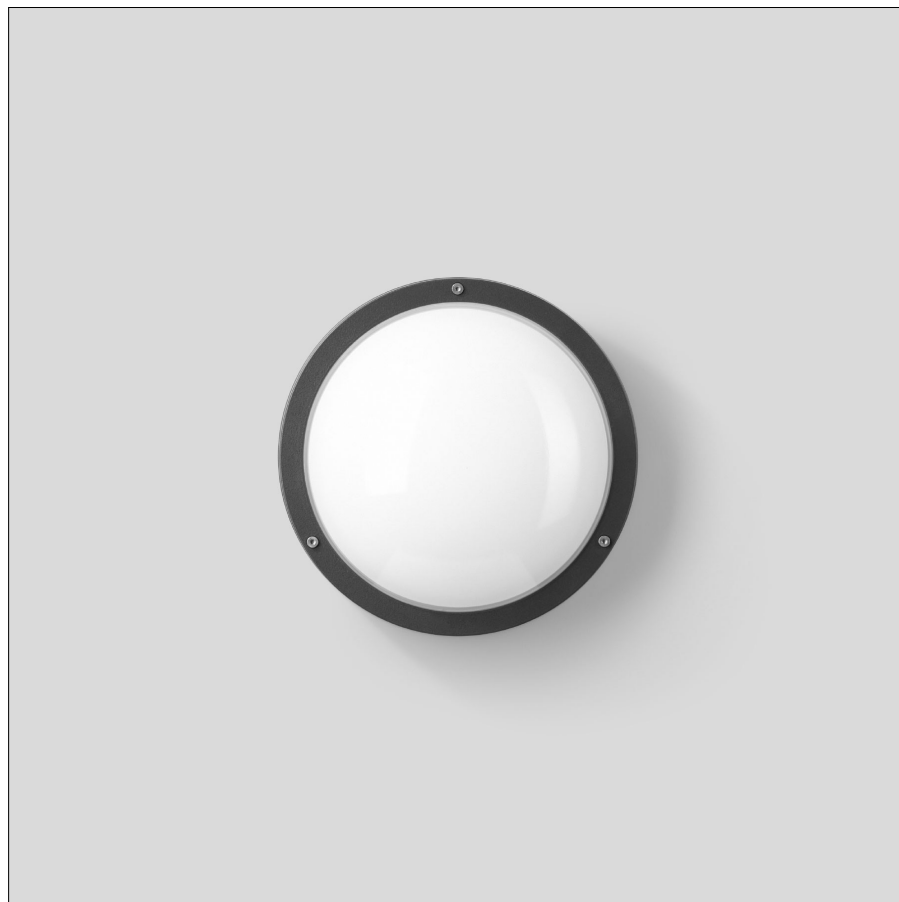
2320 lm

Luminaire luminous flux

1322 lm

Luminaire luminous efficiency

95,8 lm/W



### Service life of the LED

Ambient temperature  $t_a = 25$  °C

– at 472,000h: L70B50

max. ambient temperature  $t_a = 45$  °C

– at 138,000h: L70B50

Ambient temperature  $t_{a \max} = 50$  °C (90 %)

LED psu: 50,000h

LED module: 50,000h

BEGA Thermal Control<sup>®</sup> protects temperature-sensitive luminaire components by temporarily limiting the nominal power at high temperatures.

### 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).

### Article No. 22 470

LED colour temperature optionally 3000 K or 4000 K

3000 K – Article number + **K3**

4000 K – Article number + **K4**

Colour graphite or silver  
graphite – article number  
silver – article number + **A**