

BEGA**22 570**

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 synthetic diffuser made of polycarbonate.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
Impact resistant synthetic diffuser,
polycarbonate white 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[□]
Connection terminal 2.5[□]
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-264 V
DALI controllable
A basic isolation exists between power cable
and control line
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK10
Protection against mechanical
impacts < 20 joule
 – Safety mark
CE – Conformity mark
Weight: 1.6 kg

Lamp

Module connected wattage	11.6 W
Luminaire connected wattage	13.8 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 45^\circ\text{C}$

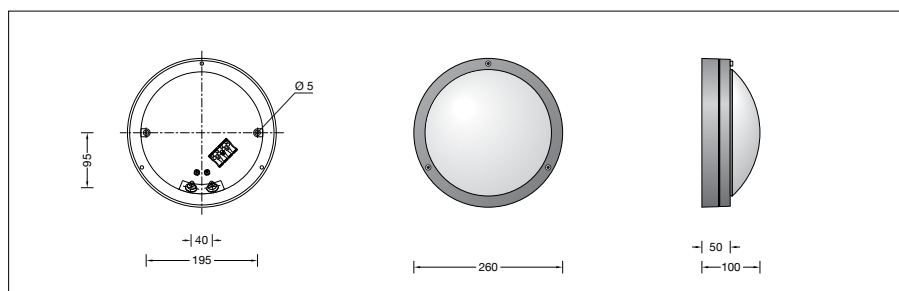
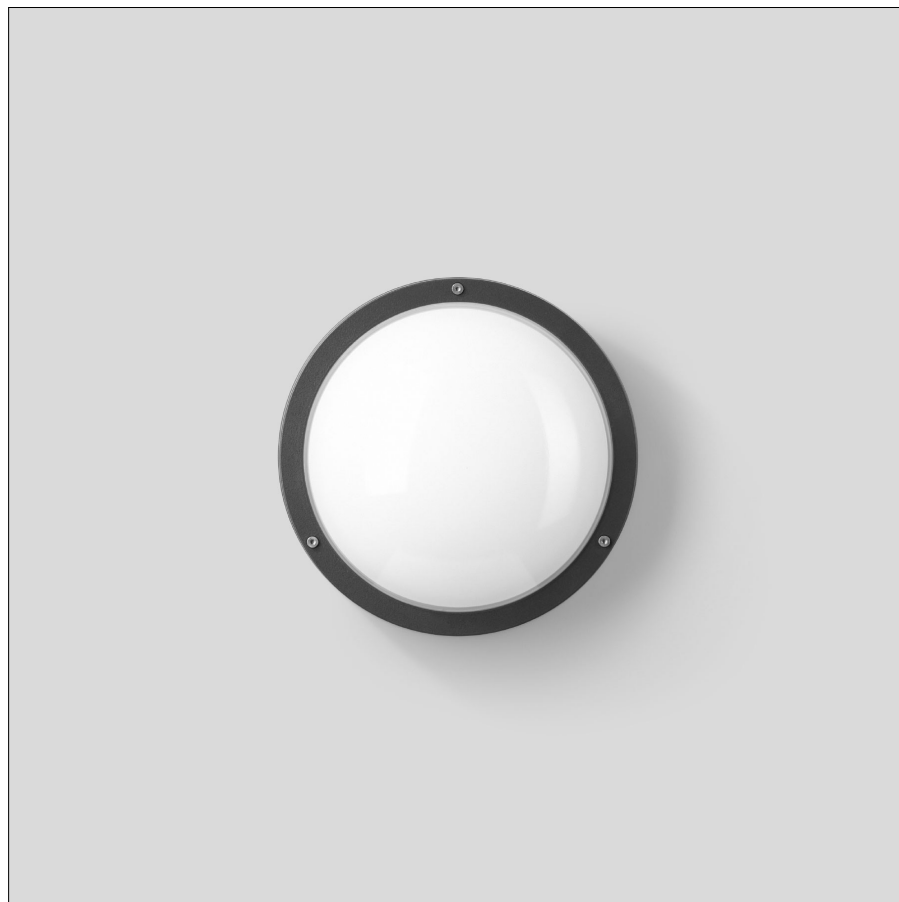
On request we can offer you modifications for environments with higher temperatures as a customized product.

22 570 K3

Module designation	LED-0848/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2255 lm
Luminaire luminous flux	1375 lm
Luminaire luminous efficiency	99,6 lm/W

22 570 K4

Module designation	LED-0848/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2320 lm
Luminaire luminous flux	1414 lm
Luminaire luminous efficiency	102,5 lm/W



Service life of the LED

Ambient temperature $t_a = 25^\circ\text{C}$
– at 472,000h: L70B50

max. ambient temperature $t_a = 45^\circ\text{C}$
– at 138,000h: L70B50

Ambient temperature $t_{a\text{max}} = 50^\circ\text{C}$ (90 %)
LED psu: 50,000h
LED module: 50,000h

BEGA Thermal Control® 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.

Article No. 22 570

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**