BEGA

22 448

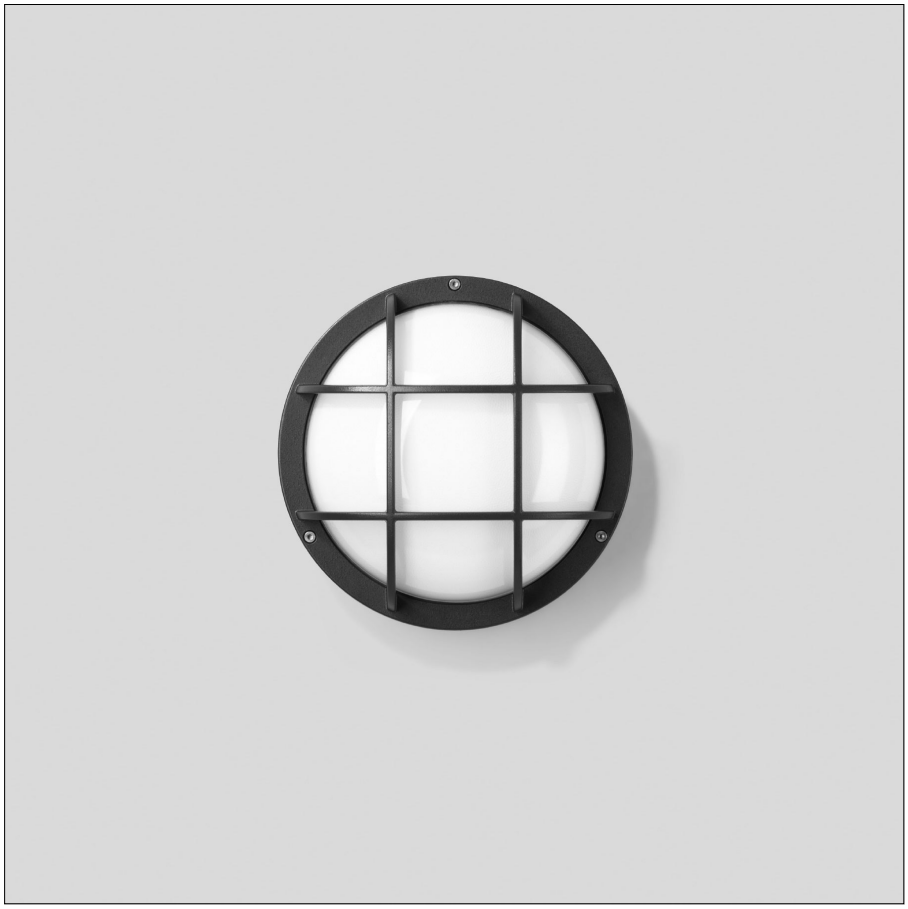
Ceiling and wall luminaire

IP 65

Project · Reference number

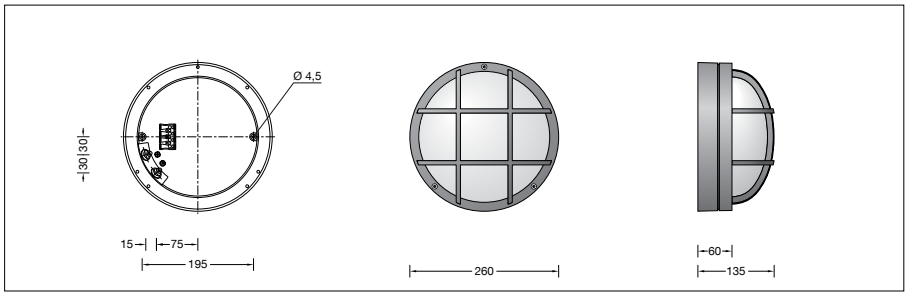
Date

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 ø 4.5 mm
Distance apart 195 mm
2 cable entries for through-wiring of mains supply cable ø 7-10.5 mm, max. 5G1.5□
Connection terminal 2.5□
Earth conductor connection
LED power supply unit
220-240 V ∿ 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®
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 IK02
Protection against mechanical impacts < 0.2 joule
– Safety mark
CE – Conformity mark
Weight: 2.6 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

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Module designation	LED-0848/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2255 lm
Luminaire luminous flux	895 lm
Luminaire luminous efficiency	64,9 lm/W

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Module designation	LED-0848/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2320 lm
Luminaire luminous flux	921 lm
Luminaire luminous efficiency	66,7 lm/W

Service life of the LED
Ambient temperature t_a = 25 °C
– at 472,000 h: L70B50

max. ambient temperature t_a = 45 °C
– at 138,000 h: L70B50

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

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. 22 448
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**