BEGA

22 554

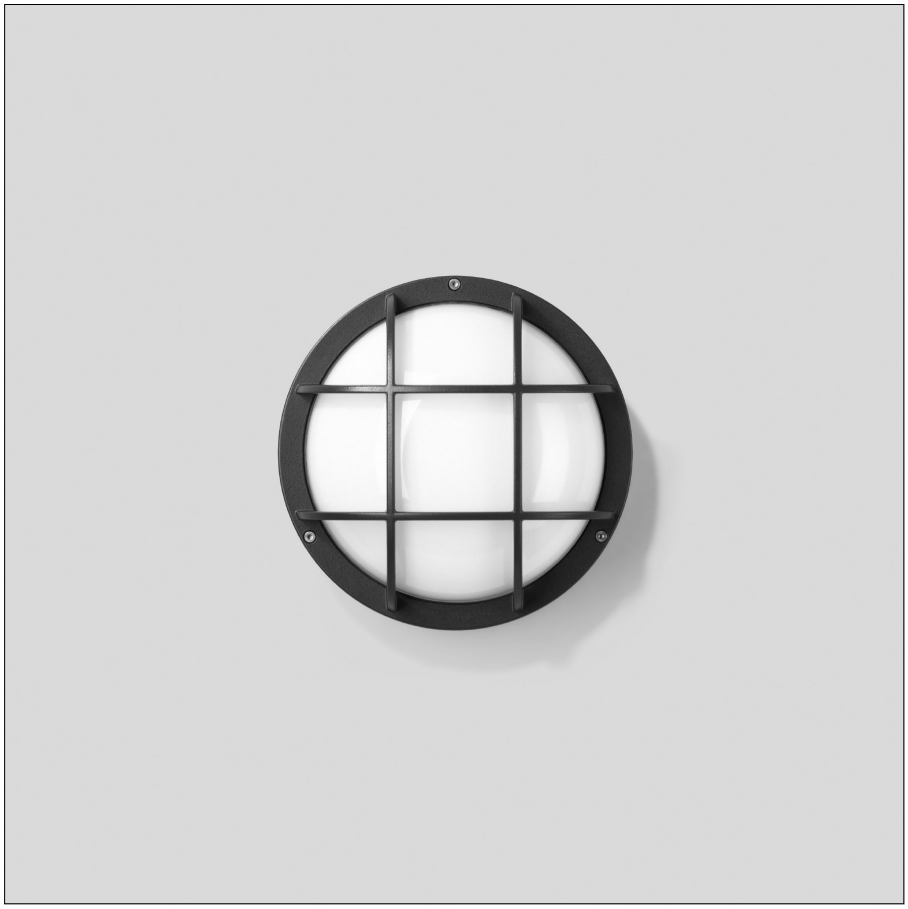
Ceiling and wall luminaire

IP 65

Project · Reference number

Date

Product data sheet



Application
LED luminaire with high constructive strength. 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 ø 4.5 mm
Distance apart 195 mm
2 cable entries for through-wiring of mains supply cable ø 7-10.5 mm, max. 5 G 1.5□
Connection terminal 2.5□
Earth conductor connection
LED power supply unit
220-240 V ∿ 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: 2.2 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

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

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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	958 lm
Luminaire luminous efficiency	69,4 lm / W

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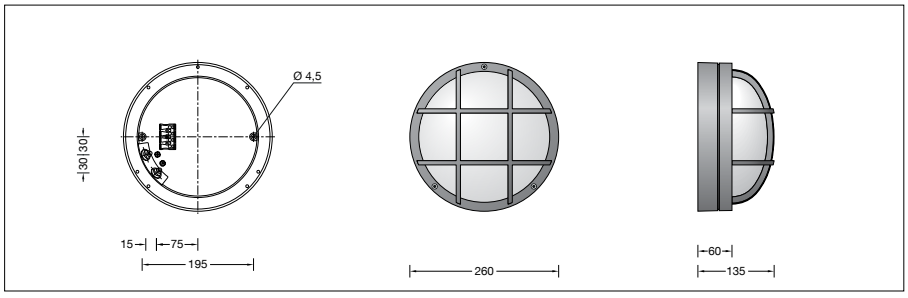
Module designation	LED-0848/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2320 lm
Luminaire luminous flux	1008 lm
Luminaire luminous efficiency	73 lm / W



Service life of the LED
Ambient temperature t_a = 25 °C
– at 472,000 h: L 70 B 50

max. ambient temperature t_a = 45 °C
– at 138,000 h: L 70 B 50

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. 22 554
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**