

BEGA**22 670**

Ceiling and wall luminaire



Project · Reference number

Date

Product data sheet

Application

LED luminaire with high constructive strength.
The thick-walled crystal glass with optical structure distributes the light uniformly.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
Crystal glass with optical structure
Silicone gasket
2 mounting holes \varnothing 5.2 mm
Distance apart 210 mm
2 cable entries for through-wiring of mains
supply cable \varnothing 7-10.5 mm, max. 5G 1.5[□]
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
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 IK05
Protection against mechanical
impacts < 0.7 joule
 – Safety mark
 – Conformity mark
Weight: 2.4 kg

Inrush current

Inrush current: 5 A / 100 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A: 56 luminaires
B 16A: 90 luminaires
C 10A: 56 luminaires
C 16A: 90 luminaires

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

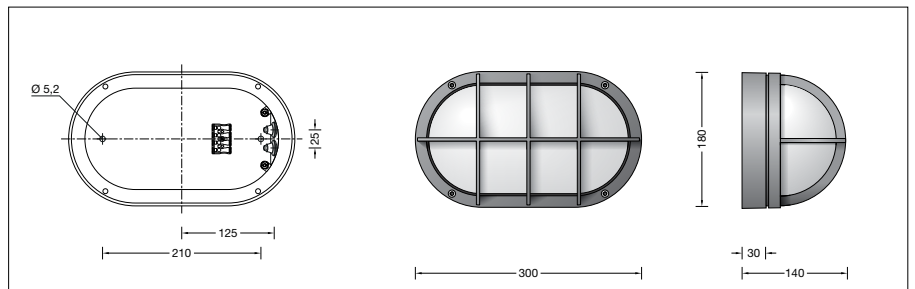
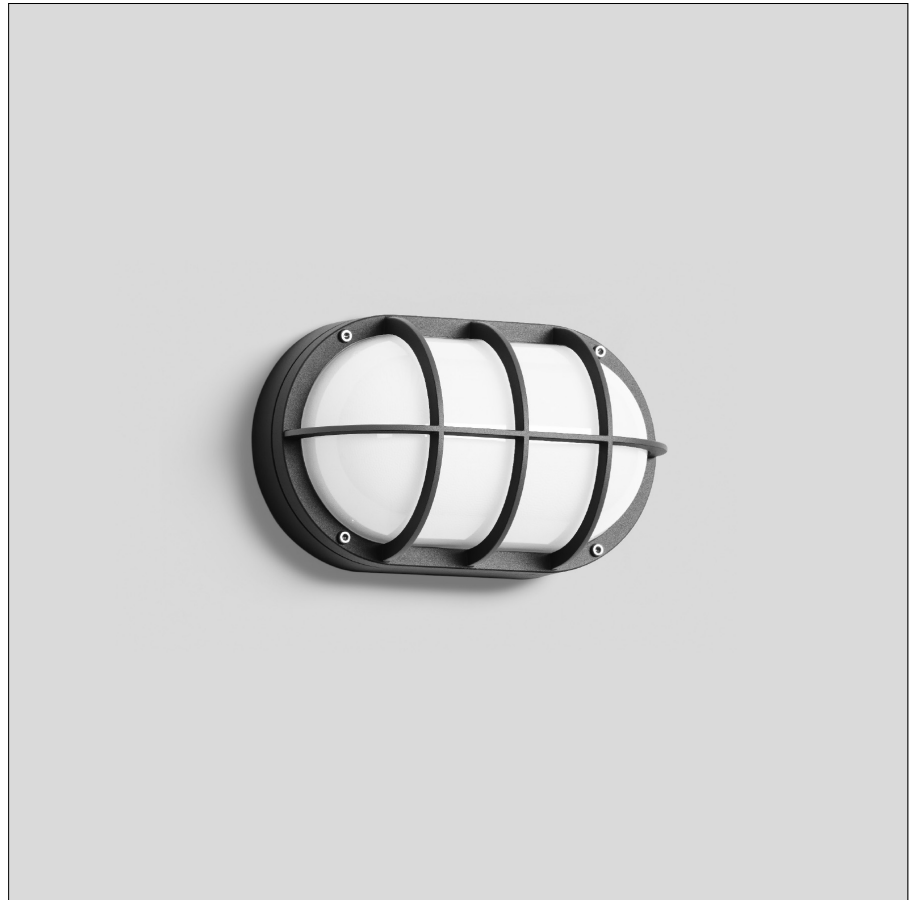
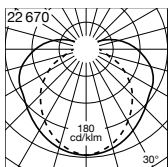
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Module designation	LED-0848/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2255 lm
Luminaire luminous flux	1033 lm
Luminaire luminous efficiency	74,9 lm/W

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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	1064 lm
Luminaire luminous efficiency	77,1 lm/W

Light distribution



Service life · Ambient temperature

Rated temperature $t_a = 25$ °C	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50) 100,000 h (L 90 B 50)

Ambient temperature $t_{a \max} = 45$ °C (100 %)	
LED psu:	50,000 h
LED module:	93,000 h (L 80 B 50) 100,000 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. 22 670

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**