

BEGA**22 867**

Ceiling and wall luminaire



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 \varnothing 5.2 mm
Distance apart 210 mm
2 cable entries for through-wiring of mains
supply cable \varnothing 7-10.5 mm, max. 5 G 1.5[□]
Connection terminal 2.5[□]
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-280 V
DC Start \geq 190 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: 1.7 kg

Inrush current

Inrush current: 24 A / 115 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A: 31 luminaires
B 16A: 51 luminaires
C 10A: 53 luminaires
C 16A: 86 luminaires

Lamp

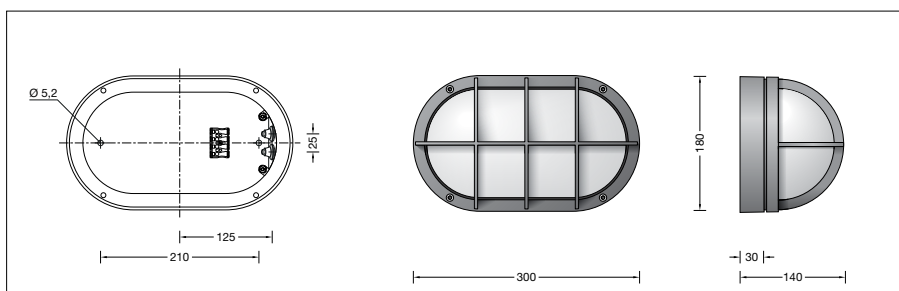
Module connected wattage	11.8 W
Luminaire connected wattage	15 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 50$ °C

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Module designation	LED-0849/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2140 lm
Luminaire luminous flux	1138 lm
Luminaire luminous efficiency	75,9 lm/W

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Module designation	LED-0849/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2195 lm
Luminaire luminous flux	1167 lm
Luminaire luminous efficiency	77,8 lm/W



Service life of the LED

Ambient temperature $t_a = 25$ °C
– at 487,000h: L70B50

max. ambient temperature $t_a = 50$ °C
– at 107,000h: L70B50

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.

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LED colour temperature optionally 3000K
or 4000K
3000 K – Article number + **K3**
4000 K – Article number + **K4**

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