

BEGA**22 456**

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 fixing holes \varnothing 5 mm
140 mm spacing
2 cable entries for through-wiring of mains
supply cable \varnothing 7-10,5 mm,
max. 3 G 1.5[□]
Connecting terminal 2.5[□]
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
 – Safety mark
CE – Conformity mark
Weight: 0,95 kg

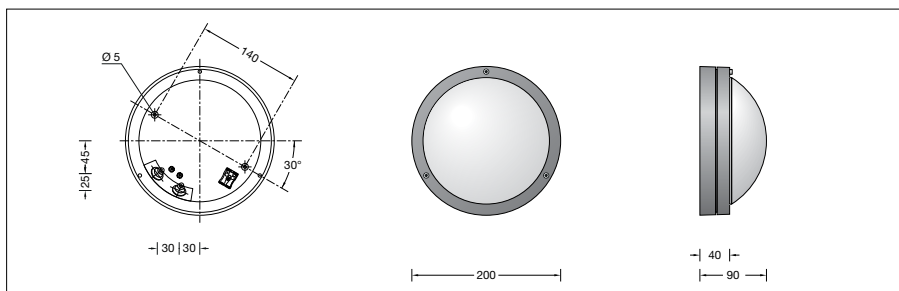
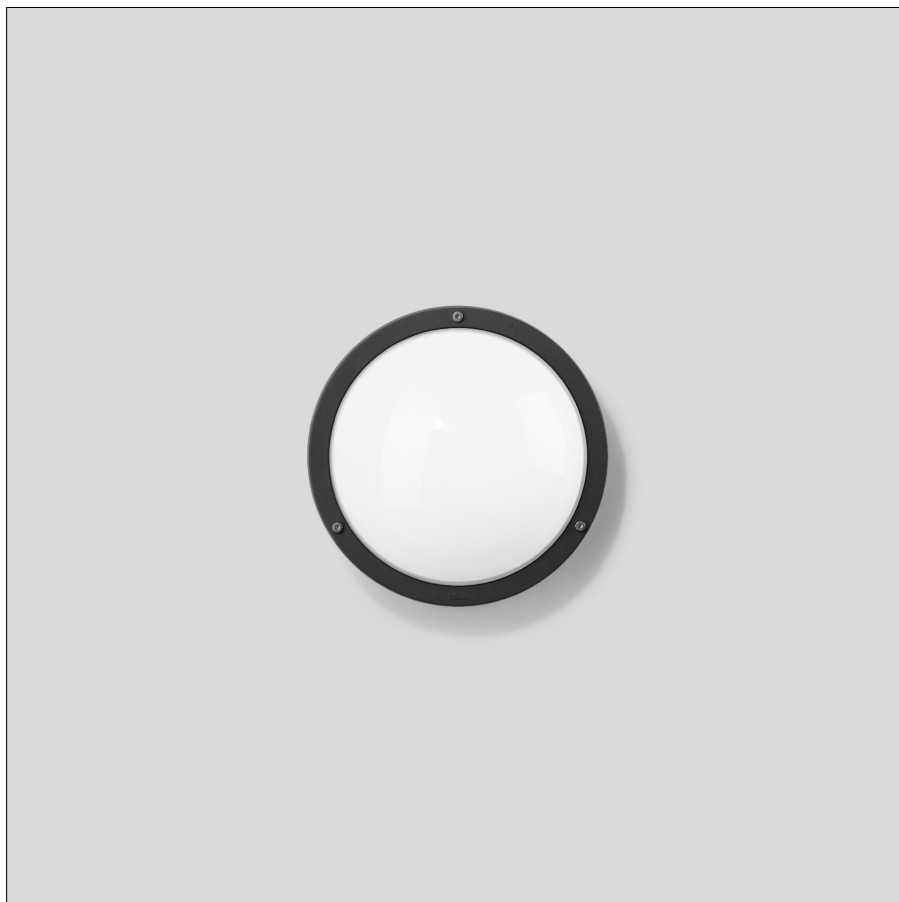
Inrush current

Inrush current: 20 A / 170 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A: 31 luminaires
B 16A: 50 luminaires
C 10A: 52 luminaires
C 16A: 85 luminaires

Lamp

Module connected wattage	8.4 W
Luminaire connected wattage	11 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a,max} = 35$ °C

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



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Module designation	LED-0592/830
Colour temperature	3000 K
Colour rendering index	$R_a > 80$
Module luminous flux	1160 lm
Luminaire luminous flux	749 lm
Luminaire luminous efficiency	68,1 lm/W

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Module designation	LED-0592/840
Colour temperature	4000 K
Colour rendering index	$R_a > 80$
Module luminous flux	1160 lm
Luminaire luminous flux	749 lm
Luminaire luminous efficiency	68,1 lm/W

Lifetime of the LED

Ambient temperature $t_a = 15$ °C
– at 50,000 h: L 90 B 10
– at > 500,000 h: L 70 B 50
Ambient temperature $t_a = 25$ °C
– at 50,000 h: L 90 B 10
– at 423,000 h: L 70 B 50

max. ambient temperature $t_a = 35$ °C
– at 50,000 h: L 80 B 10
– at 226,000 h: L 70 B 50

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 3000 K or 4000 K
3000 K – Article number
4000 K – Article number + **K4**

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