

BEGA**24 148**

Ceiling and wall luminaire



Project · Reference number

Date

Product data sheet

Application

Unshielded LED ceiling and wall luminaire with high protection class.

A luminaire made of die cast aluminium and with an impact resistant crystal glass.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
Crystal glass, white inside
Silicone gasket
2 mounting holes \varnothing 4,5 mm
Distance apart 178 mm
2 cable entries for through-wiring of mains
supply cable \varnothing 7-12 mm
Connection terminal 2.5²
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-264 V
BEGA Thermal Switch®
Temporary thermal shutdown to protect
temperature-sensitive components
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK07
Protection against mechanical
impacts < 2 joule
 – Safety mark
CE – Conformity mark
Weight: 1.4 kg

Lamp

Module connected wattage 7 W
Luminaire connected wattage 8.1 W
Rated temperature $t_a = 25^\circ\text{C}$
Ambient temperature $t_{a\text{max}} = 45^\circ\text{C}$

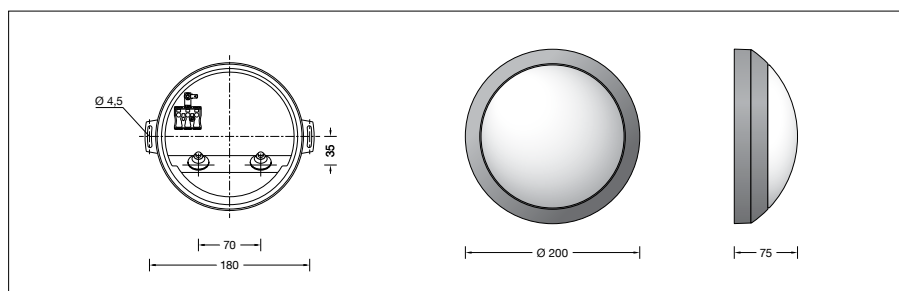
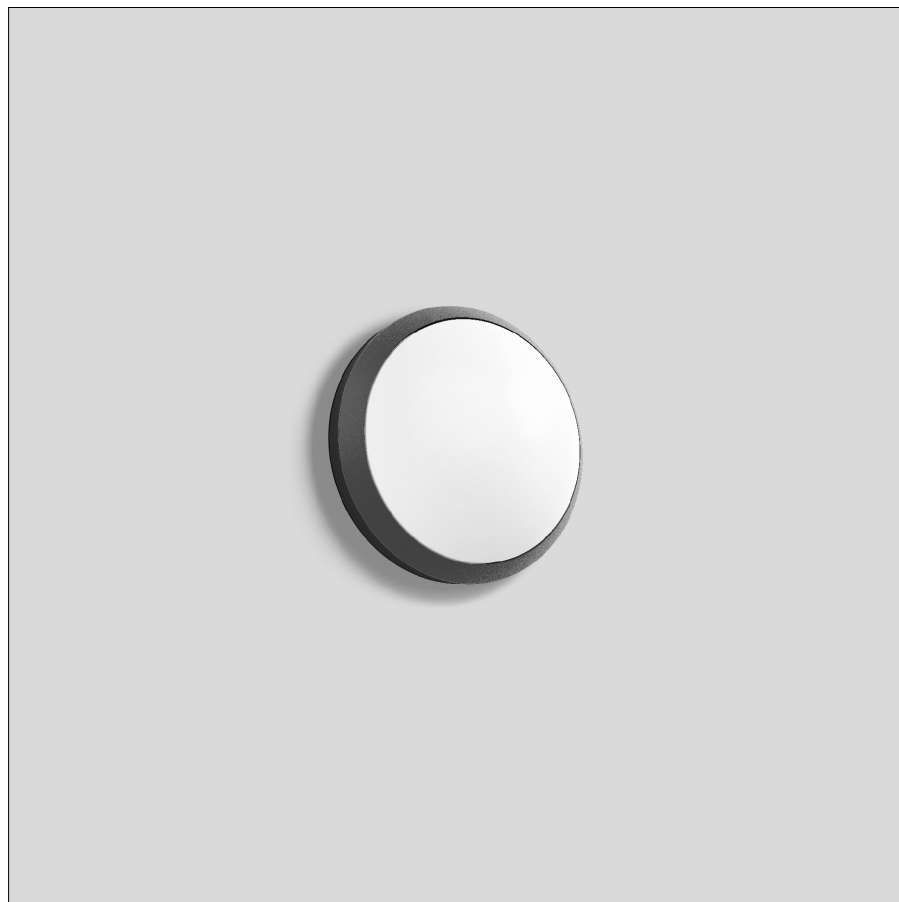
On request we can offer you modifications for environments with higher temperatures as a customized product.

24 148 K3

Module designation LED-0954/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 1160 lm
Luminaire luminous flux 838 lm
Luminaire luminous efficiency 103,5 lm/W

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Module designation LED-0954/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 1220 lm
Luminaire luminous flux 881 lm
Luminaire luminous efficiency 108,8 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$
LED psu: > 50,000 h
LED module: 170,000 h (L80 B50)

Ambient temperature $t_{a\text{max}} = 45^\circ\text{C}$ (100 %)
LED psu: 50,000 h
LED module: 130,000 h (L80 B50)

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.

Inrush current

Inrush current: 11 A / 112 μs
Maximum number of luminaires of this type per miniature circuit breaker:
B10A: 34 luminaires
B16A: 55 luminaires
C10A: 57 luminaires
C16A: 92 luminaires

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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**

Light distribution

