

BEGA**24 148**

Ceiling and wall luminaire



Project · Reference number

Date

Product data sheet

Application

Unshielded ceiling and wall luminaire with high protection class.

A luminaire made of aluminium alloy and crystal glass.

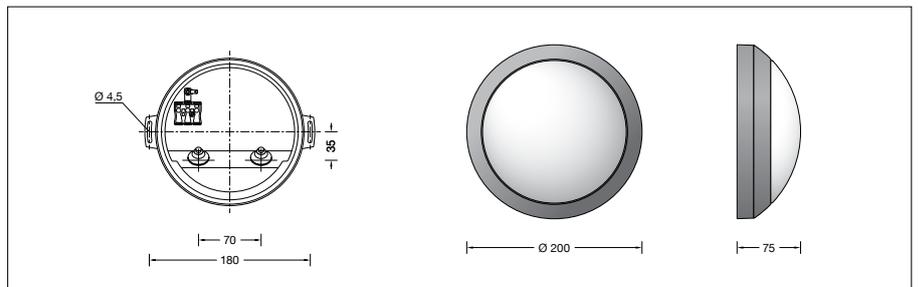
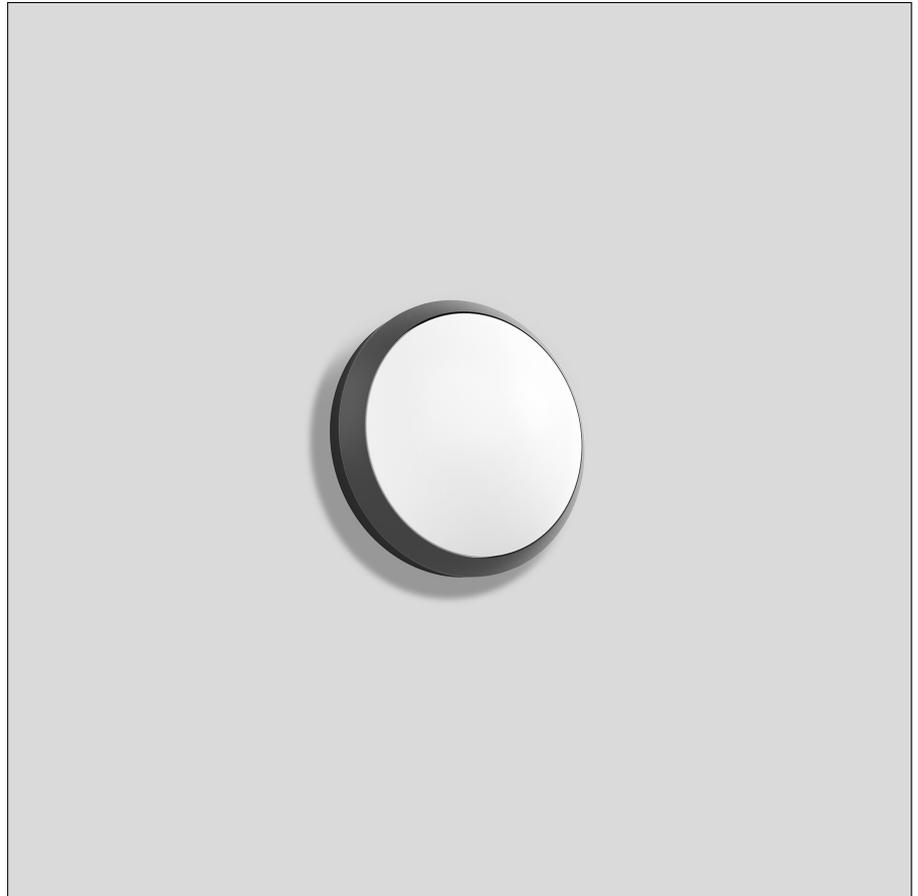
Product description

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 2.5[□]
Earth conductor connection
BEGA Ultimate Driver®
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
This product contains light sources of energy
efficiency classes C, D

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.



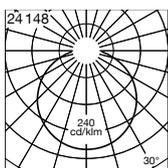
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Module designation	LED-0954/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1160 lm
Luminaire luminous flux	838 lm
Luminaire luminous efficiency	103,5 lm/W

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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

Light distribution



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

Lighting technology

Luminaire data for the DIALux lighting design program for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at www.bega.com.

Inrush current

Inrush current: 11.3 A / 112 μs
Maximum number of luminaires of this type per miniature circuit breaker:

B 10A:	34 luminaires
B 16A:	55 luminaires
C 10A:	57 luminaires
C 16A:	92 luminaires

Article No. 24 148

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**