

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 2.5²
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
BEGA Thermal Control®
Temporary thermal regulation to protect
temperature-sensitive components without
switching off the luminaire
Safety class I

Ballproof – The testing of ball impact safety
was carried out exclusively with handballs in
accordance with DIN 18032-3: 2018-11.

Protection class IP 65

Dust-tight and protection against water jets

Impact strength IK07

Protection against mechanical

impacts < 2 joule

– Safety mark

– Conformity mark

Weight: 1.4 kg

This product contains light sources of energy
efficiency class(es) C, D

Lamp

Module connected wattage 7 W

Luminaire connected wattage 8.1 W

Rated temperature $t_a = 25^\circ\text{C}$

Ambient temperature $t_{a\text{max}} = 55^\circ\text{C}$

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

24 148 K4

Module designation LED-0954/840

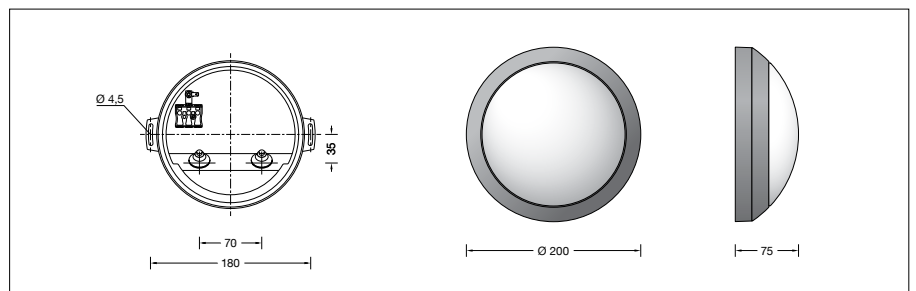
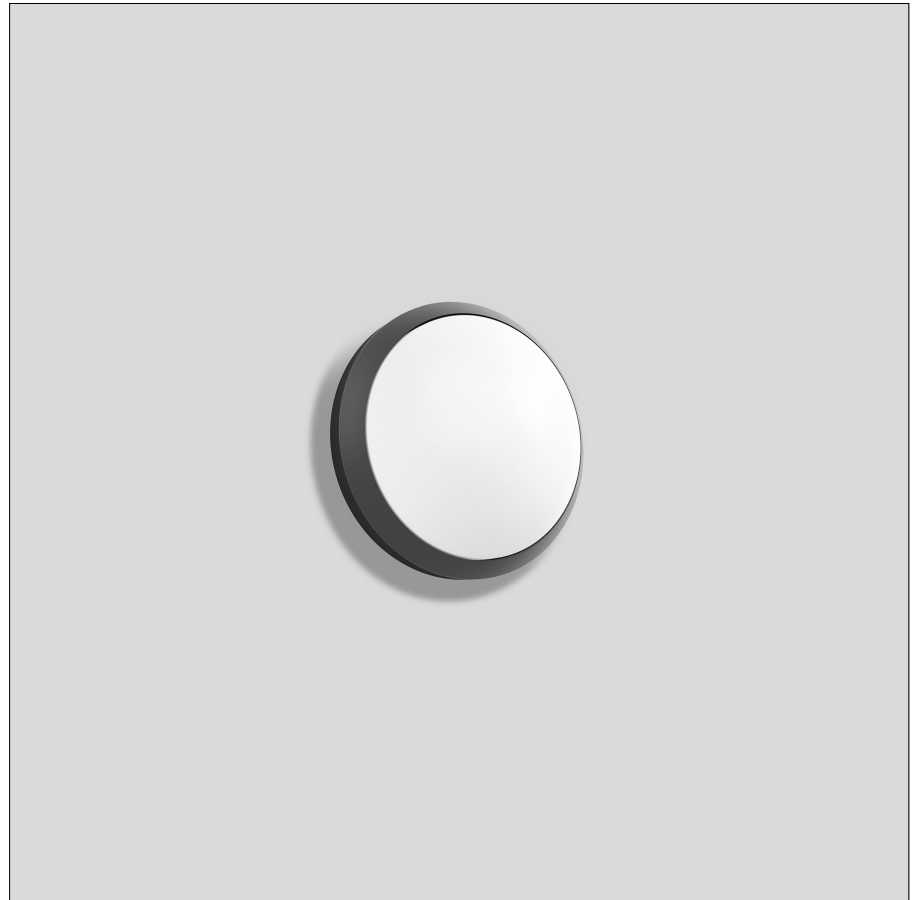
Colour temperature 4000 K

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: > 50,000h

LED module: 170,000h (L80B50)

Ambient temperature max. $t_a = 55^\circ\text{C}$ (100 %)

LED psu: 50,000h

LED module: 115,000h (L80B50)

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: 5 A / 40 μs

Maximum number of luminaires of this

type per miniature circuit breaker:

B 10A: 50 luminaires

B 16A: 50 luminaires

C 10A: 80 luminaires

C 16A: 80 luminaires

Ratio of luminous flux

Luminous flux upper half-space 4,5 %

Luminous flux lower half-space 95,5 %

BUG rating according to IES TM-15-07:

0-2-1

CEN Flux Code according to EN 13032-2:

42-72-90-96-100-0-1-18-4

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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**

Light distribution

