

BEGA**24 394**

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
2 mounting holes \varnothing 4.5 mm
Distance apart 325 mm
2 screw cable glands with strain relief for through-wiring power connecting cable \varnothing 7–12 mm
1 screw cable gland closed at the factory with a dummy plug
Connection terminal 2.5[□]
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 170-280 V
DALI-controllable
Basic insulation is provided between the mains and control cables
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 IK10
Protection against mechanical impacts < 20 joule
 – Safety mark
CE – Conformity mark
Weight: 5.7 kg
This product contains light sources of energy efficiency class(es) C, D

Lamp

Module connected wattage	23.9 W
Luminaire connected wattage	27.2 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a, \text{max}} = 35^\circ\text{C}$

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

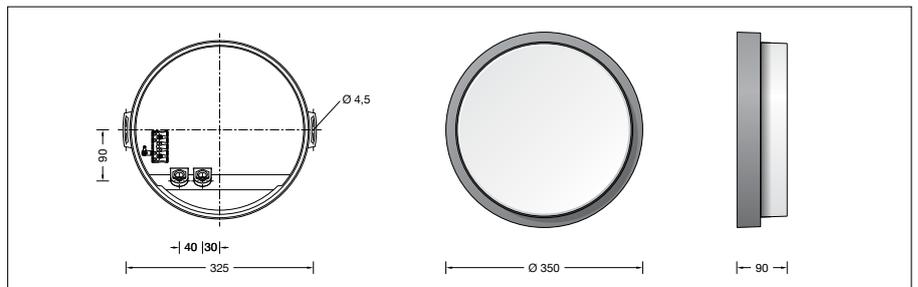
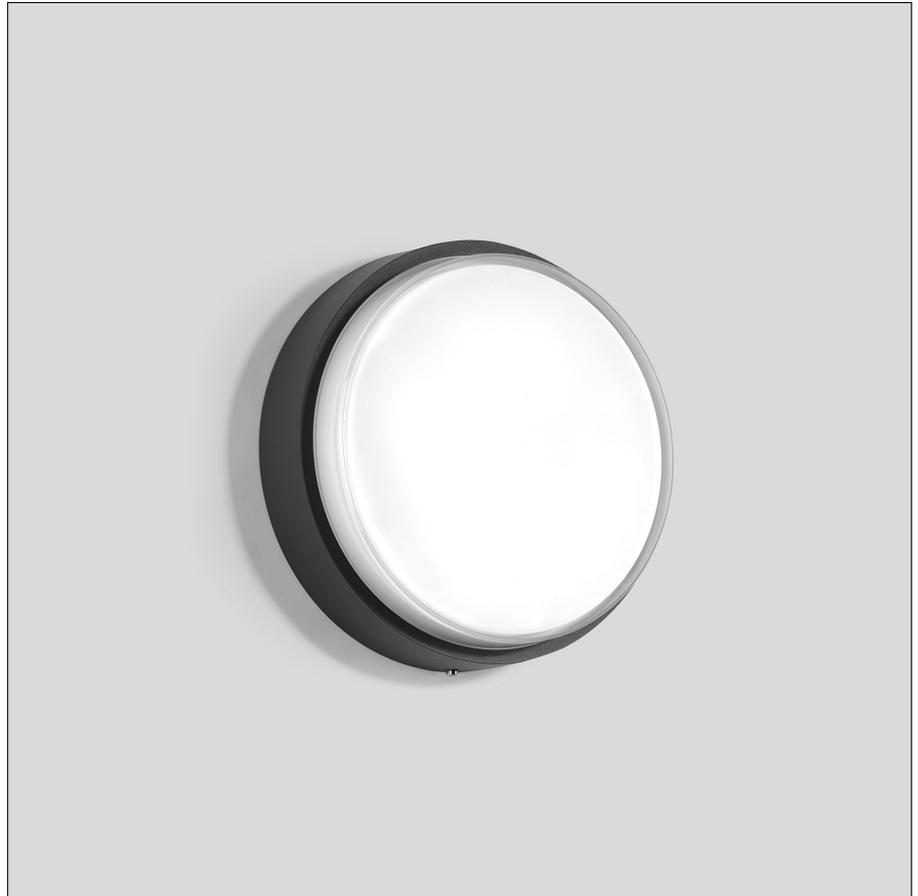
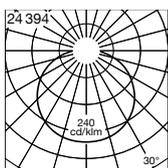
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Module designation	LED-0993/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	3975 lm
Luminaire luminous flux	2610 lm
Luminaire luminous efficiency	96 lm/W

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Module designation	LED-0993/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	4180 lm
Luminaire luminous flux	2745 lm
Luminaire luminous efficiency	100,9 lm/W

Light distribution



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$	
LED psu:	> 50,000 h
LED module:	150,000 h (L80B50)

Ambient temperature max. $t_a = 35^\circ\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	130,000 h (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 / 50 μs
Maximum number of luminaires of this type per miniature circuit breaker:
B10A: 31 luminaires
B16A: 50 luminaires
C10A: 52 luminaires
C16A: 85 luminaires

Ratio of luminous flux

Luminous flux upper half-space	9,6 %
Luminous flux lower half-space	90,4 %

BUG rating according to IES TM-15-07:
1-3-1

CEN Flux Code according to EN 13032-2:
42-73-92-90-100-4-24-60-10

Article No. 24 394

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**