

BEGA**24 190**

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 synthetic diffuser.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
BEGA Unidure® coating technology
Impact-resistant synthetic cover
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
A basic isolation exists between power cable and control line
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: 3.4 kg

Lamp

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

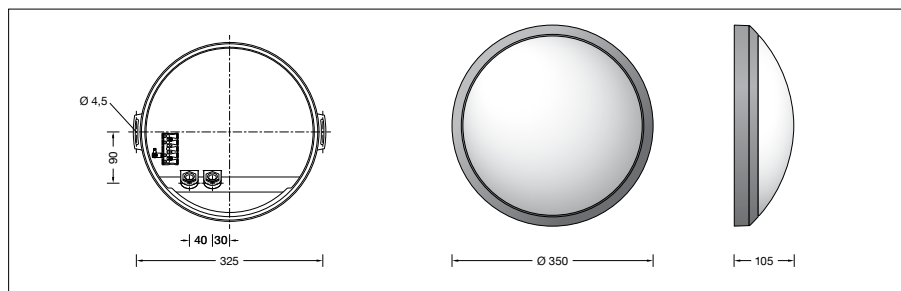
On request we can offer you modifications for environments with higher temperatures as a customized product.

24 190 K3

Module designation	LED-0993/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	3975 lm
Luminaire luminous flux	3083 lm
Luminaire luminous efficiency	113,3 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	3242 lm
Luminaire luminous efficiency	119,2 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$
LED psu: > 50,000 h
LED module: 155,000 h (L80B50)

Ambient temperature $t_{a\text{max}} = 35^\circ\text{C}$ (100 %)
LED psu: 50,000 h
LED module: 140,000 h (L80B50)

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: 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

Article No. 24 190

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

