

BEGA**24 181**

Ceiling and wall luminaire

IP 65

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
Impact-resistant synthetic cover
2 mounting holes \varnothing 4.5 mm
Distance apart 236 mm
2 screw cable glands with strain relief for through-wiring of the mains supply cable from \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 176-280 V
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK10
Protection against mechanical impacts < 20 joule
CE – Conformity mark
Weight: 2.0 kg

Lamp

Module connected wattage	12.9 W
Luminaire connected wattage	15 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 30$ °C

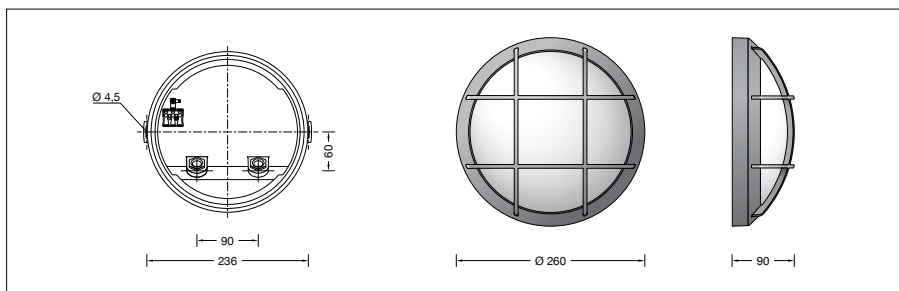
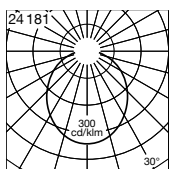
On request we can offer you modifications for environments with higher temperatures as a customized product.

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Module designation	LED-0985/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2155 lm
Luminaire luminous flux	1356 lm
Luminaire luminous efficiency	90,4 lm/W

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Module designation	LED-0985/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2265 lm
Luminaire luminous flux	1425 lm
Luminaire luminous efficiency	95 lm/W

Light distribution**Service life · Ambient temperature**

Rated temperature $t_a = 25$ °C	
LED psu:	> 50,000 h
LED module:	170,000 h (L80 B50)
Ambient temperature $t_{a \max} = 30$ °C (100 %)	
LED psu:	50,000 h
LED module:	150,000 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: 5 A / 50 μ s
Maximum number of luminaires of this type per miniature circuit breaker:

B 10A:	31 luminaires
B 16A:	50 luminaires
C 10A:	52 luminaires
C 16A:	85 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**