

BEGA**24 182**

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 325 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 170-280 V
 DALI controllable
 A basic isolation exists between power cable and control line
 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: 3.6 kg

Lamp

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

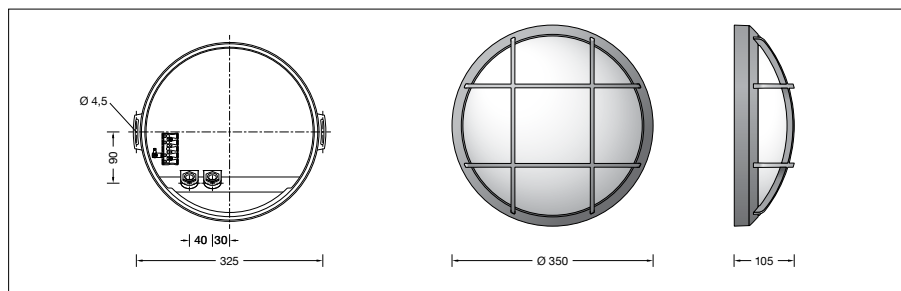
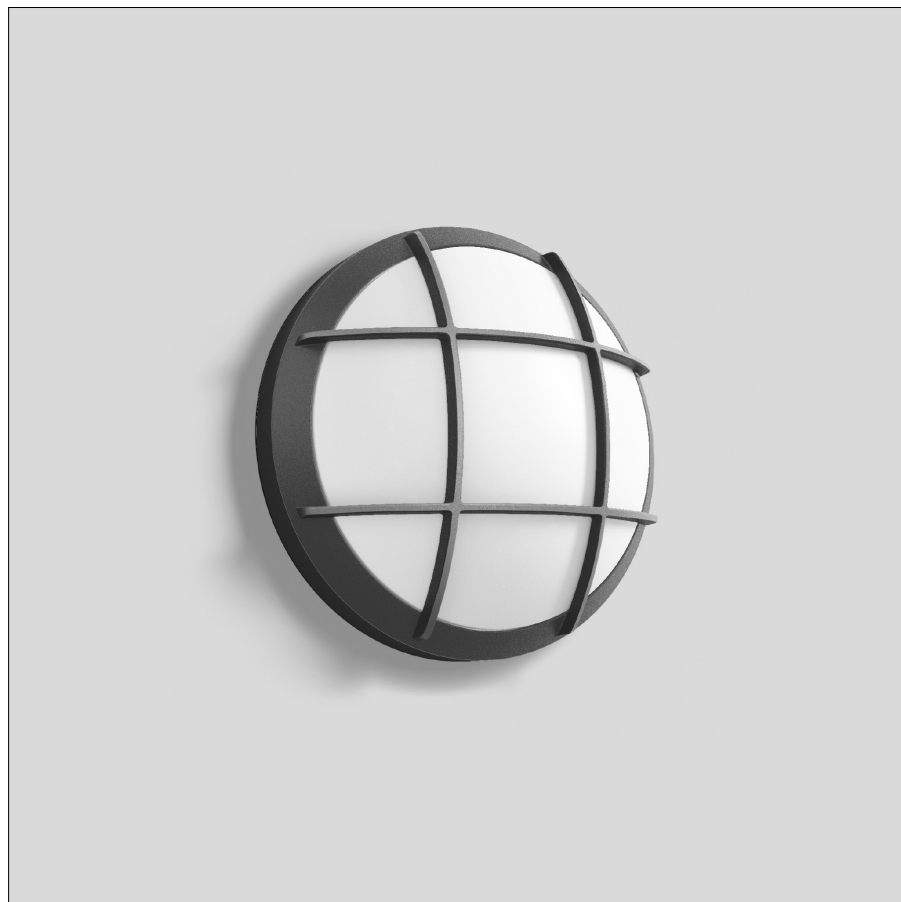
On request we can offer you modifications for environments with higher temperatures as a customized product.

24 182 K3

Module designation	LED-0993/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	3975 lm
Luminaire luminous flux	2465 lm
Luminaire luminous efficiency	90,6 lm/W

24 182 K4

Module designation	LED-0993/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	4180 lm
Luminaire luminous flux	2592 lm
Luminaire luminous efficiency	95,3 lm/W

**Service life · Ambient temperature**

Rated temperature $t_a = 25^\circ\text{C}$
 LED psu: > 50,000h
 LED module: 155,000h (L80 B50)

Ambient temperature $t_{a\text{max}} = 35^\circ\text{C}$ (100 %)
 LED psu: 50,000h
 LED module: 140,000h (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 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. 24 182

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**

Light distribution