

BEGA**24 081**

Ceiling and wall luminaire



Project · Reference number

Date

Product data sheet

Application

LED ceiling and wall luminaire with high protection class for a variety of lighting tasks. A luminaire made of die cast aluminium and impact resistant crystal glass.

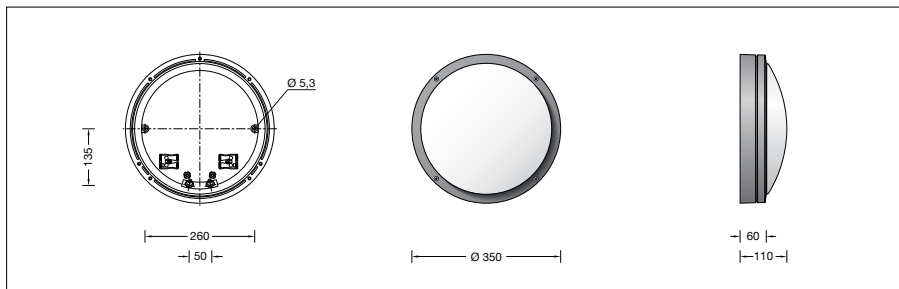
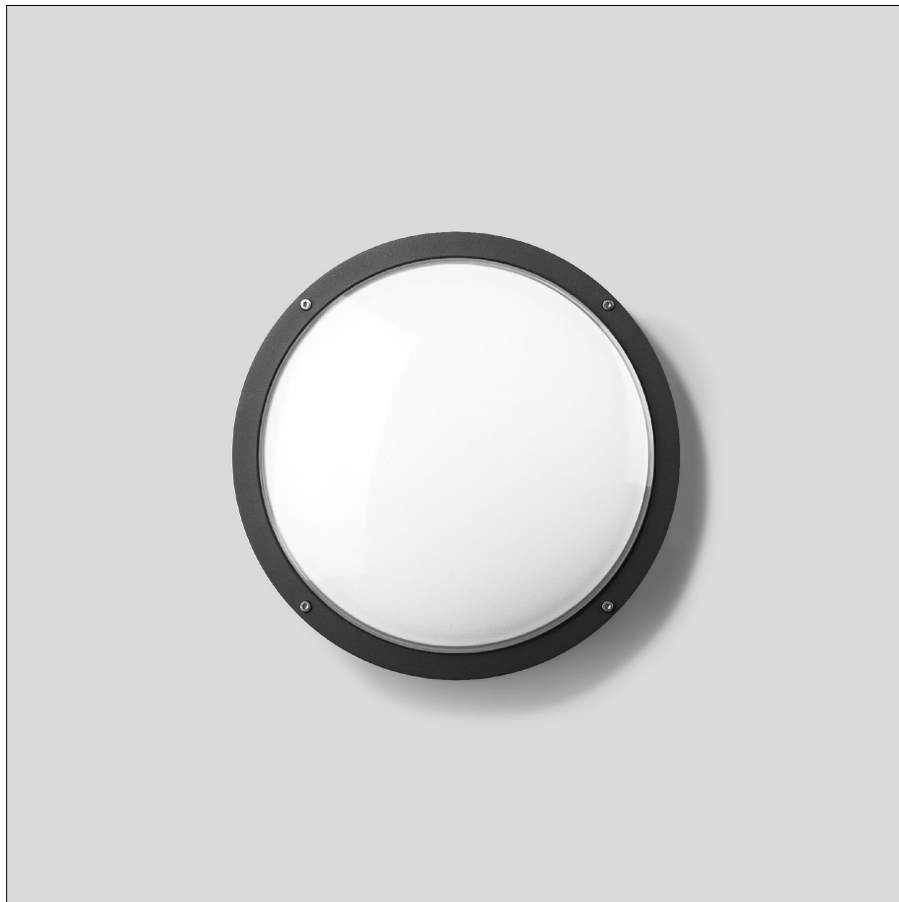
Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 BEGA Unidure® coating technology
 Crystal glass with optical structure
 Silicone gasket
 2 mounting holes \varnothing 5.3 mm
 Distance apart 260 mm
 2 cable entries for through-wiring of mains supply cable \varnothing 7-10.5 mm, max. 5 G 1.5[□]
 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 IK05
 Protection against mechanical impacts < 0.7 joule
 – Safety mark
 – Conformity mark
 Weight: 4.4 kg

Lamp

Module connected wattage	26.9 W
Luminaire connected wattage	30.5 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 40^\circ\text{C}$

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



24 081 K3

Module designation	LED-0510/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	3725 lm
Luminaire luminous flux	1793 lm
Luminaire luminous efficiency	58,8 lm/W

24 081 K4

Module designation	LED-0510/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	3725 lm
Luminaire luminous flux	1793 lm
Luminaire luminous efficiency	58,8 lm/W

Service life of the LED

Ambient temperature $t_a = 25^\circ\text{C}$
 – at 212,000h: L70B50

max. ambient temperature $t_a = 40^\circ\text{C}$
 – at 89,000h: L70B50

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. 24 081

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**