

BEGA**24 112**

Recessed wall luminaire



Project · Reference number

Date

Product data sheet

Application

LED luminaire with asymmetrical flat beam light distribution for installation in walls.
The used LED technique offers durability and optimal light output with low power consumption at the same time.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
Safety glass, white
Silicone gasket
Reflector made of pure anodised aluminium
Recessed opening \varnothing 230 mm
Recessed depth required 110 mm
Fixing is achieved by using two adjustable wedge-shaped claws
2 cable entries for through-wiring of mains supply cable \varnothing 7-10,5 mm, max. 5G 1.5[□]
Connecting terminal 2.5[□]
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-276 V
During DC operation the LED power is reduced to 15 %
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 IK08
Protection against mechanical impacts < 5 joule
 – Safety mark
 – Conformity mark
Weight: 2.2 kg

Lamp

Module connected wattage	16.3 W
Luminaire connected wattage	20 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 30\text{ °C}$

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

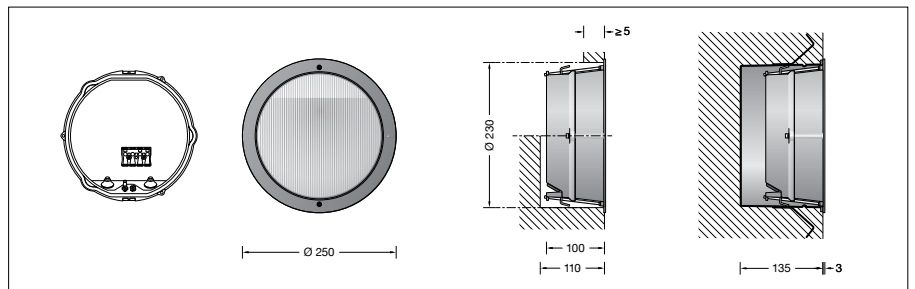
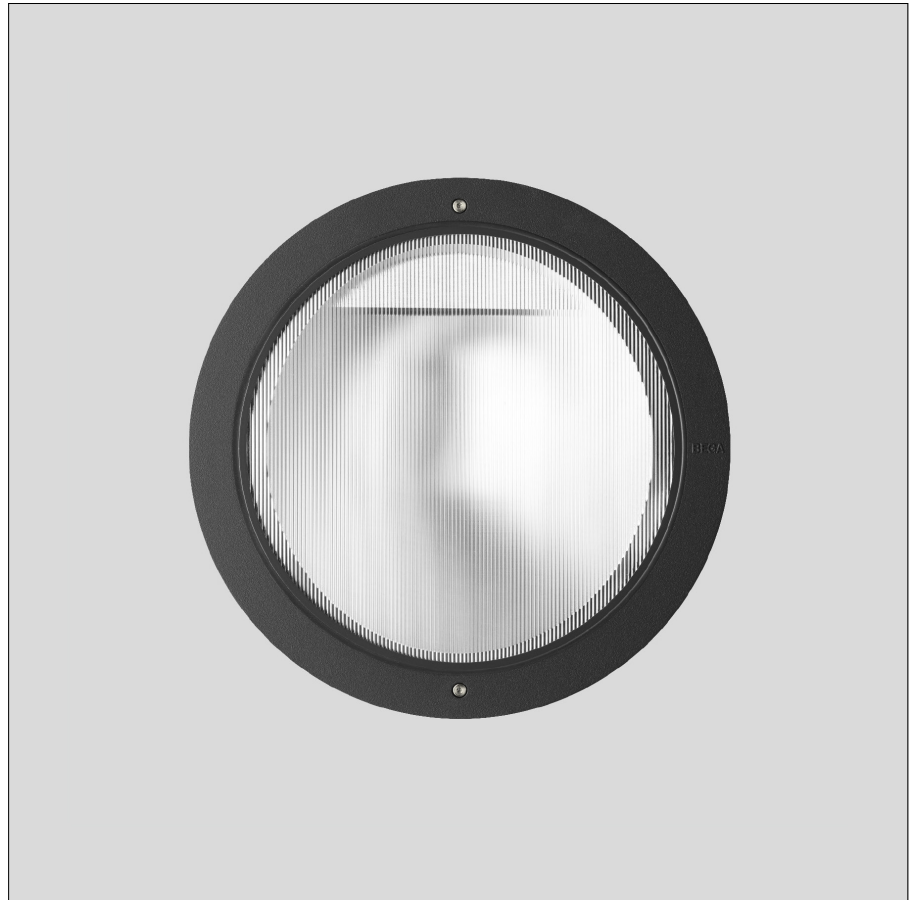
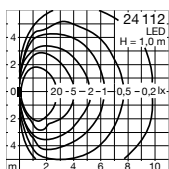
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Module designation	LED-0620/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2215 lm
Luminaire luminous flux	1257 lm
Luminaire luminous efficiency	62,8 lm/W

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Module designation	LED-0620/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2215 lm
Luminaire luminous flux	1257 lm
Luminaire luminous efficiency	62,8 lm/W

Light distribution



Lifetime of the LED

Ambient temperature $t_a = 15\text{ °C}$
– at 50,000h: L80B10
– at 168,000h: L70B50

Ambient temperature $t_a = 25\text{ °C}$
– at 50,000h: L80B50
– at 95,000h: L70B50

max. ambient temperature $t_a = 30\text{ °C}$
– at 50,000h: L70B50
– at 72,000h: 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: 20 A / 100 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B10A: 33 luminaires
B16A: 55 luminaires
C10A: 33 luminaires
C16A: 55 luminaires

Article No. 24 112

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**

Accessories

10 487 Installation housing
10 087 Plaster frame

A separate instructions for use can be provided upon request.