

BEGA**24 111**

Recessed wall luminaire



Project · Reference number

Date

Product data sheet

Application

LED luminaire with asymmetrical flat beam light distribution for installation in walls.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 Safety glass with optical structure
 Silicone gasket
 Recessed opening \varnothing 175 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[□]
 Connection terminal 2.5[□]
 Earth conductor connection
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 176-280 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 IK07
 Protection against mechanical impacts < 2 joule
 – Safety mark
 – Conformity mark
 Weight: 1.3 kg

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.

Lamp

Module connected wattage	8.9 W
Luminaire connected wattage	11.5 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a, \text{max}} = 30\text{ °C}$
When installed in heat-insulating material	$t_{a, \text{max}} = 25\text{ °C}$

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

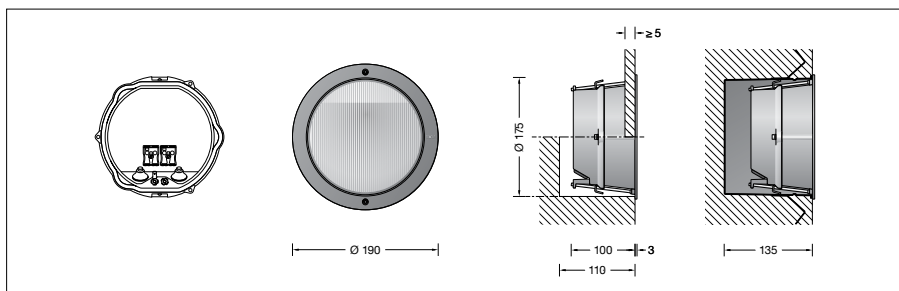
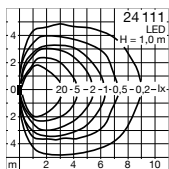
24 111 K3

Module designation	LED-0621/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1250 lm
Luminaire luminous flux	839 lm
Luminaire luminous efficiency	73 lm/W

24 111 K4

Module designation	LED-0621/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1250 lm
Luminaire luminous flux	839 lm
Luminaire luminous efficiency	73 lm/W

Light distribution



Lifetime of the LED

Ambient temperature $t_a = 25\text{ °C}$
 – at 154,000h: L70B50

max. ambient temperature $t_a = 30\text{ °C}$
 – at 154,000h: L70B50

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

Article No. 24 111

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**

Accessories

10 486 Installation housing
13 545 Installation housing for installation in insulated façades (EWIS)

10 086 Plaster frame
13 527 Plaster frame flush

A separate instructions for use can be provided upon request.