

BEGA**24 110**

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
 Reflector made of pure anodised aluminium
 Recessed opening \varnothing 120 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. 3G 1.5[□]
 Connecting terminal 2.5[□]
 Earth conductor connection
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 176-264 V
 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: 0.75 kg

Lamp

Module connected wattage	6 W
Luminaire connected wattage	8.3 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 30^\circ\text{C}$

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

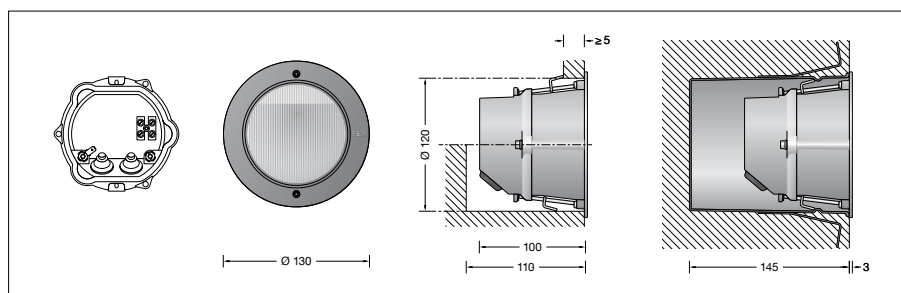
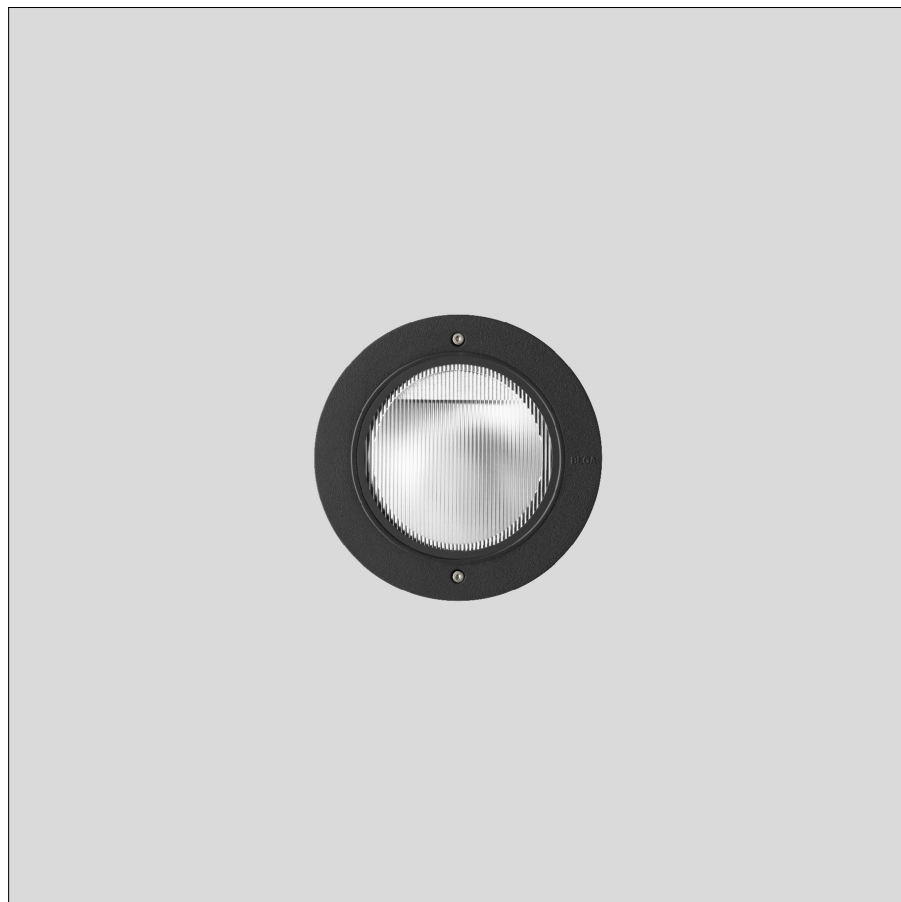
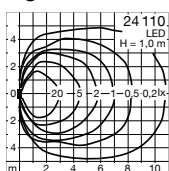
24 110 K3

Module designation	LED-0621/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	850 lm
Luminaire luminous flux	525 lm
Luminaire luminous efficiency	63,3 lm/W

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Module designation	LED-0621/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	850 lm
Luminaire luminous flux	525 lm
Luminaire luminous efficiency	63,3 lm/W

Light distribution



Lifetime of the LED

Ambient temperature $t_a = 15^\circ\text{C}$
 – at 50,000 h: L90 B10
 – at 456,000 h: L70 B50

Ambient temperature $t_a = 25^\circ\text{C}$
 – at 50,000 h: L80 B10
 – at 243,000 h: L70 B50

max. ambient temperature $t_a = 30^\circ\text{C}$
 – at 50,000 h: L80 B10
 – at 179,000 h: L70 B50

Inrush current

Inrush current: 20 A / 170 μs
 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. 24 110

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

10 781 Installation housing
10 081 Plaster frame

A separate instructions for use can be provided upon request.

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.