

BEGA**24 202**

Recessed wall luminaire



Project · Reference number

Date

Product data sheet

Application

LED recessed wall luminaire with light directed downwards, for flush or surface mounting installation.

Luminaire for the uniform and glare-free illumination of ground surfaces.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 Safety glass with optical structure
 Silicone gasket
 Required recessed opening 139 x 139 mm
 Recessed depth 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
 Connecting terminal and earth conductor terminal 2.5[□]
 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 IK10
 Protection against mechanical impacts < 20 joule
 – Safety mark
 – Conformity mark
 Weight: 1.0 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	2.9 W
Luminaire connected wattage	4 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a,max} = 50\text{ °C}$
When installed in heat-insulating material	$t_{a,max} = 45\text{ °C}$

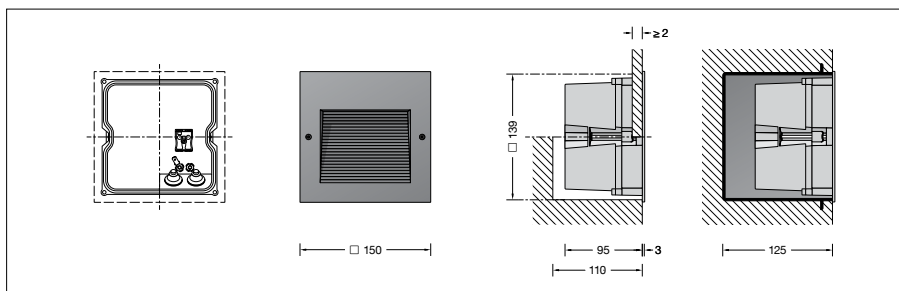
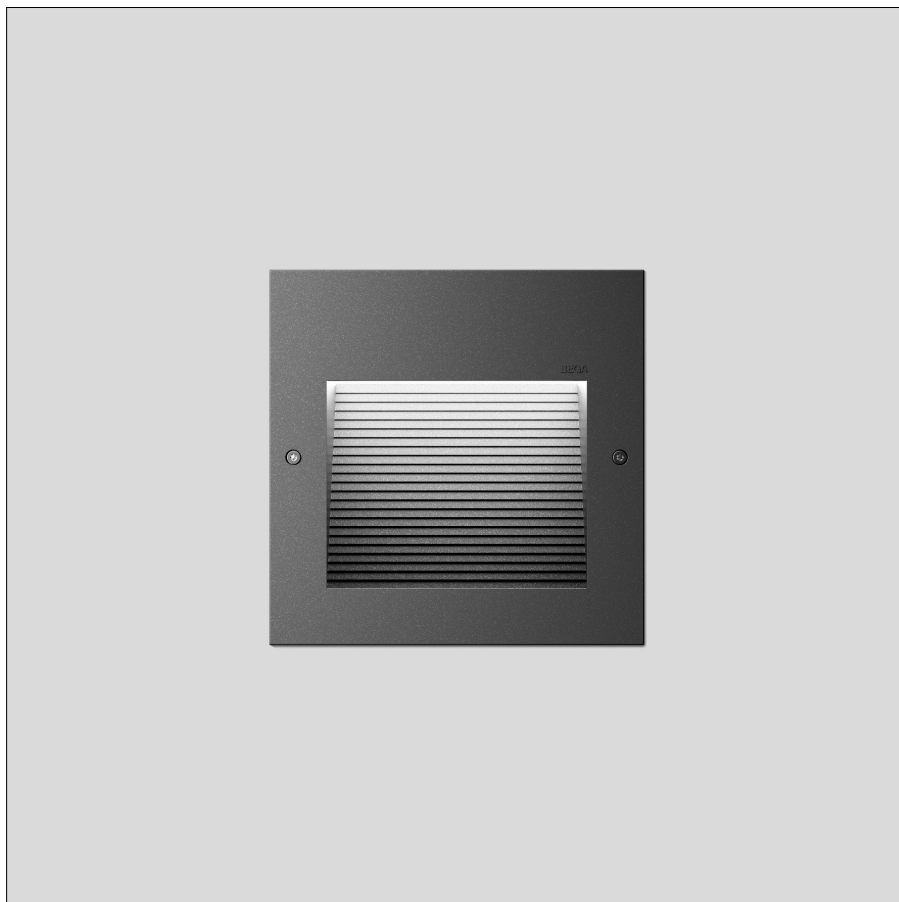
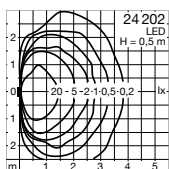
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Module designation	LED-0750/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	565 lm
Luminaire luminous flux	266 lm
Luminaire luminous efficiency	66,5 lm/W

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Module designation	LED-0750/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	580 lm
Luminaire luminous flux	274 lm
Luminaire luminous efficiency	68,5 lm/W

Light distribution



Service life · Ambient temperature

Ambient temperature $t_a = 25\text{ °C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50)
	100,000 h (L 90 B 50)

Ambient temperature $t_a = 50\text{ °C}$	
LED psu:	50,000 h
LED module:	153,000 h (L 80 B 50)
	100,000 h (L 80 B 50)

Inrush current

Inrush current: 7 A / 112 μ s
 Maximum number of luminaires of this type per miniature circuit breaker:
 B 10A: 38 luminaires
 B 16A: 61 luminaires
 C 10A: 64 luminaires
 C 16A: 102 luminaires

Article No. 24 202

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

10 463 Installation housing
13 540 Installation housing for installation in insulated façades (EWIS)

10 063 Plaster frame
10 072 Plaster frame flush

See the separate instructions for use.