

BEGA**24 206**

Recessed wall luminaire



Project · Reference number

Date

Product data sheet

Application

LED recessed wall luminaire with asymmetrical flat beam light distribution, for flush or surface mounting installation.

For the wide beam and uniform illumination of surfaces and paths.

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 IK04
 Protection against mechanical impacts < 0.5 joule
 – Safety mark
 – Conformity mark
 Weight: 1.0 kg

Inrush current

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

Lamp

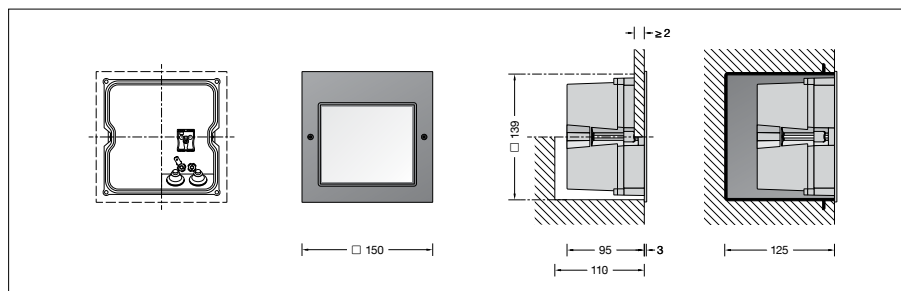
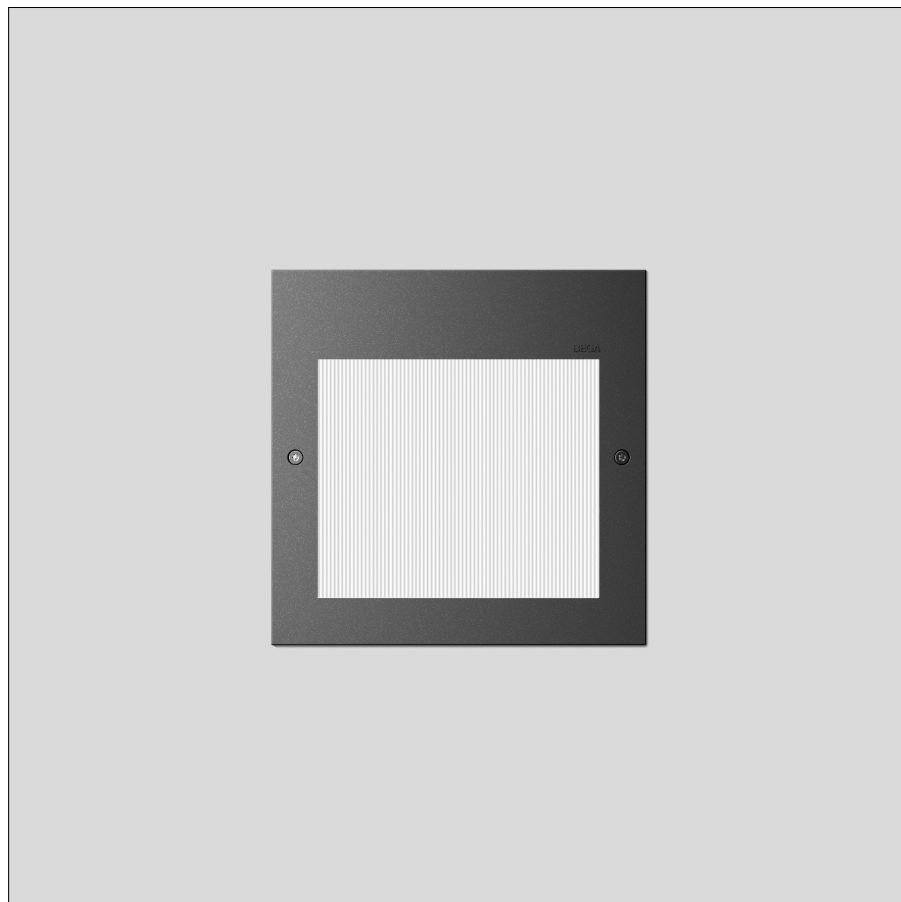
Module connected wattage	2.9 W
Luminaire connected wattage	4 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 50^\circ\text{C}$
When installed in heat-insulating material	$t_{a\text{max}} = 45^\circ\text{C}$

24 206 K3

Module designation	LED-0750/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	565 lm
Luminaire luminous flux	399 lm
Luminaire luminous efficiency	99,8 lm/W

24 206 K4

Module designation	LED-0750/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	580 lm
Luminaire luminous flux	410 lm
Luminaire luminous efficiency	102,5 lm/W



Service life · Ambient temperature

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

Ambient temperature $t_a = 50^\circ\text{C}$
 LED psu: 50,000 h
 LED module: 184,000 h (L 80 B 50)
 100,000 h (L 90 B 50)

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.

Article No. 24 206

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.

Light distribution

