

BEGA**24 210**

Recessed wall and ceiling luminaire



Project · Reference number

Date

Product data sheet

Application

Recessed LED-ceiling and wall luminaire with asymmetrical light distribution for flush or surface mounted installation.
For glare-free lighting of ceiling, wall and ground surfaces.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
BEGA Tricoat® coating technology
Clear safety glass
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
BEGA Thermal Switch®
Temporary thermal shutdown to protect temperature-sensitive components
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK05
Protection against mechanical impacts < 0.7 joule
 – Safety mark
 – Conformity mark
Weight: 0.95 kg

Lamp

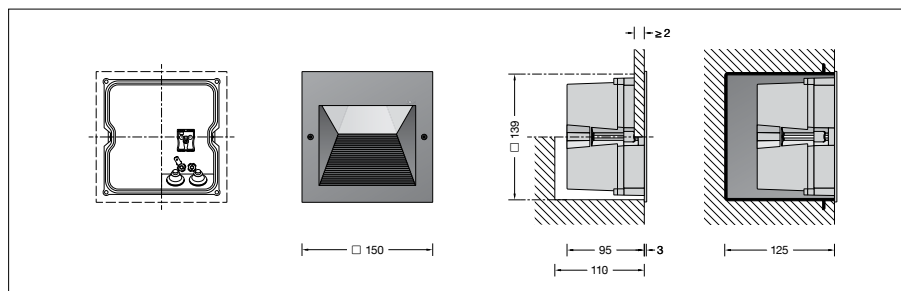
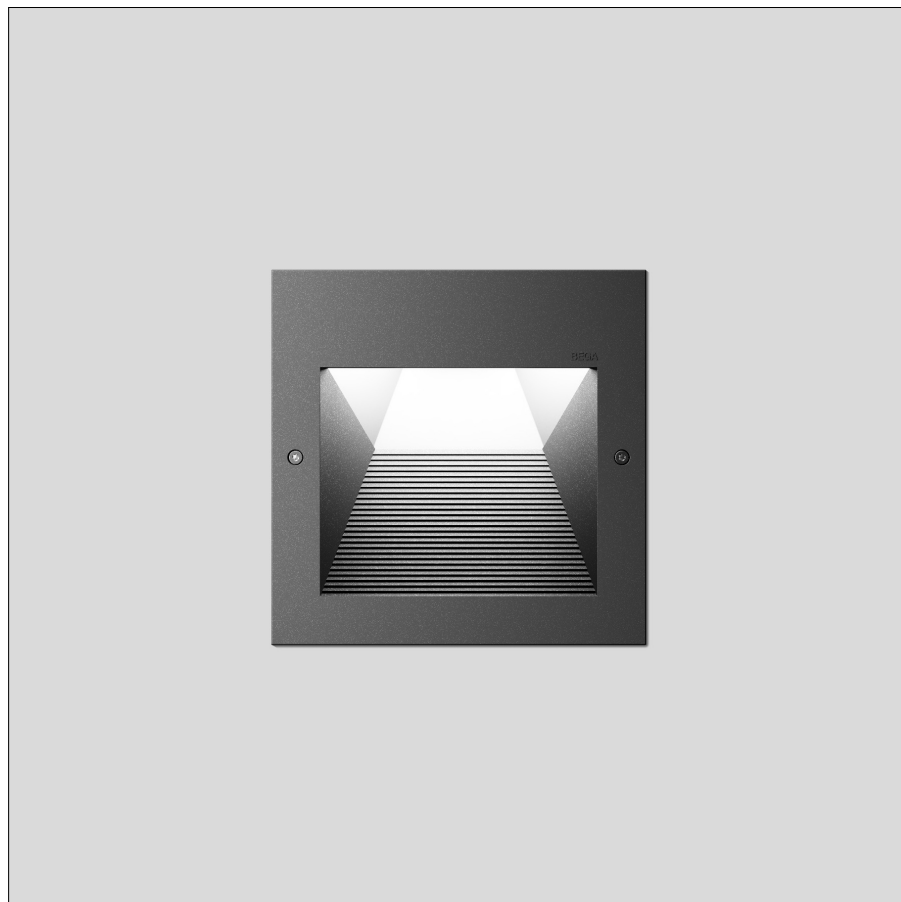
Module connected wattage	2.9 W
Luminaire connected wattage	4 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 50\text{ °C}$
When installed in heat-insulating material	$t_{a\text{ max}} = 45\text{ °C}$

24 210 K3

Module designation	LED-0749/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	560 lm
Luminaire luminous flux	310 lm
Luminaire luminous efficiency	77,5 lm/W

24 210 K4

Module designation	LED-0749/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	580 lm
Luminaire luminous flux	321 lm
Luminaire luminous efficiency	80,2 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$	LED psu: > 50,000h
	LED module: > 200,000h (L80B50)
	100,000h (L90B50)
Ambient temperature $t_{a\text{ max}} = 50\text{ °C}$ (100 %)	LED psu: 50,000h
	LED module: 137,000h (L80B50)

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

Article No. 24 210

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

