

BEGA**22 203**

Recessed wall luminaire

 IP 65

Project · Reference number



Date

Product data sheet

Application

Recessed LED luminaire for glare-free lighting of floor spaces from a low mounting height.

Product description

LED recessed luminaire without power supply unit
 Luminaire made of cast aluminium, aluminium and stainless steel
 Matt safety glass
 Silicone gasket
 Required recessed opening 70 x 70 mm
 Recessed depth 90 mm
 Fixing is achieved by using two adjustable wedge-shaped claws
 1 cable entry
 for connecting cable max. \varnothing 10,5 mm
 Connecting terminals 2.5[□]
 Safety class III 
 Protection class IP 65
 Dust-tight and protection against water jets
 – Safety mark
 Impact strength IK07
 Protection against mechanical impacts < 2 joule
CE – Conformity mark
 Weight: 0.25 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.

Accessories

Safety transformers according to DIN EN 61558/VDE 0570

70 564 Power supply unit
 Primary: 230 V \sim 50/60 Hz
 Secondary: 24 V = DC · 0-15 W

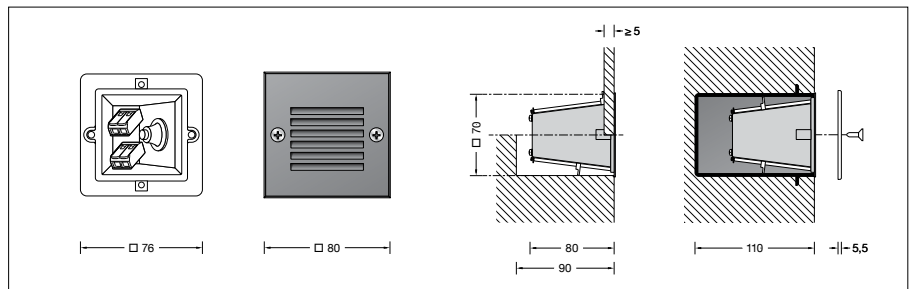
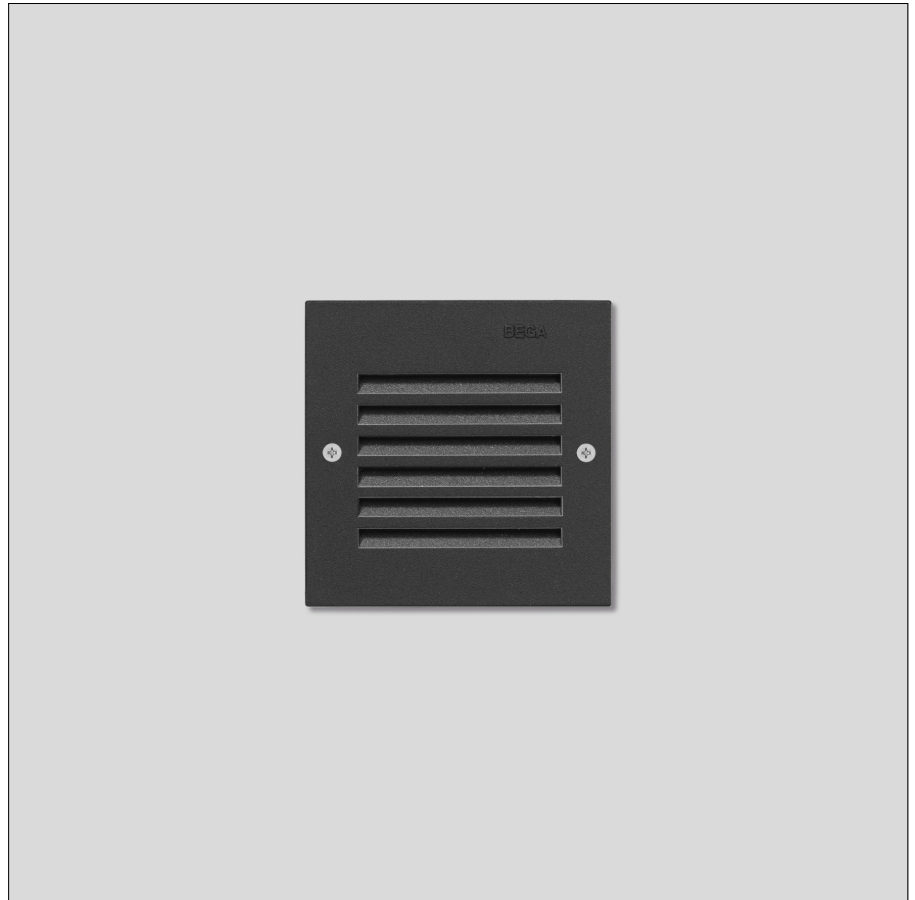
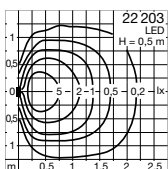
70 465 Power supply unit
 Primary: 230 V \sim 50/60 Hz
 Secondary: 24 V = DC · 0-25 W

70 114 Power supply unit
 Primary:
 AC: 110-264 V \sim 50/60 Hz
 DC: 170-280 V
 Secondary: 24 V = DC · 0-42 W

10 406 Installation housing

For the accessories a separate instructions for use can be provided upon request.

Light distribution



Lamp

Module connected wattage	2 W
Luminaire connected wattage	2.3 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 60^\circ\text{C}$
When installed in heat-insulating material	$t_{a\text{max}} = 50^\circ\text{C}$
Voltage	24 V = DC

22 203 K3

Module designation	LED-0312/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	250 lm
Luminaire luminous flux	8 lm
Luminaire luminous efficiency	3,5 lm/W

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Module designation	LED-0312/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	260 lm
Luminaire luminous flux	9 lm
Luminaire luminous efficiency	3,9 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$	
LED psu:	> 50,000h
LED module:	> 200,000h (L80B50)
	100,000h (L90B50)
Ambient temperature $t_{a\text{max}} = 60^\circ\text{C}$ (100 %)	
LED psu:	50,000h
LED module:	38,000h (L80B50)
	59,000h (L70B50)

Article No. 22 203

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**