BEGA

33 881

Recessed wall luminaire

⬦(III) ⬛10⬦ IP 68

Project · Reference number	Date

Product data sheet

Application
Unshielded LED-luminaire for recessed installation in walls or ceilings.

Product description
Recessed LED luminaire
without power supply unit
Luminaire made of stainless steel
Steel grade no 1.4301
Installation bush made of polyamide
Recessed opening ø 45 mm
Recessed depth required 100 mm
Safety glass, white
Connecting cable 05RN8-F 2 × 1□
Cable length 3 m
Safety class III ⬦
Protection class IP 68 20 m
Dust-tight and water pressure tight
Maximum submersion depth 20 m
Not suitable for permanent operation under water
Impact strength IK10
Protection against mechanical
impacts < 20 joule
⬛10⬦ – Safety mark
CE – Conformity mark
Weight: 0.5 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
Power supply unit for LED luminaires 24 V DC
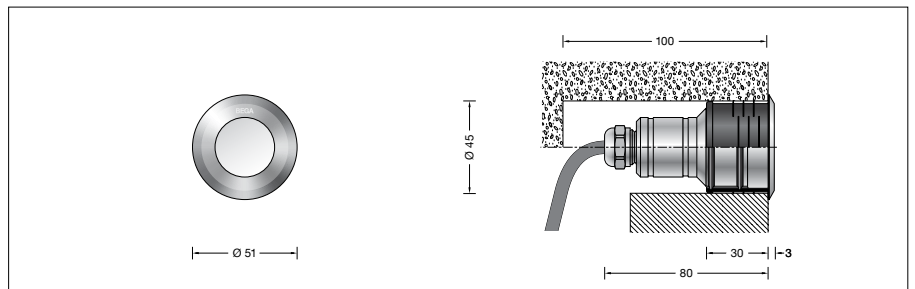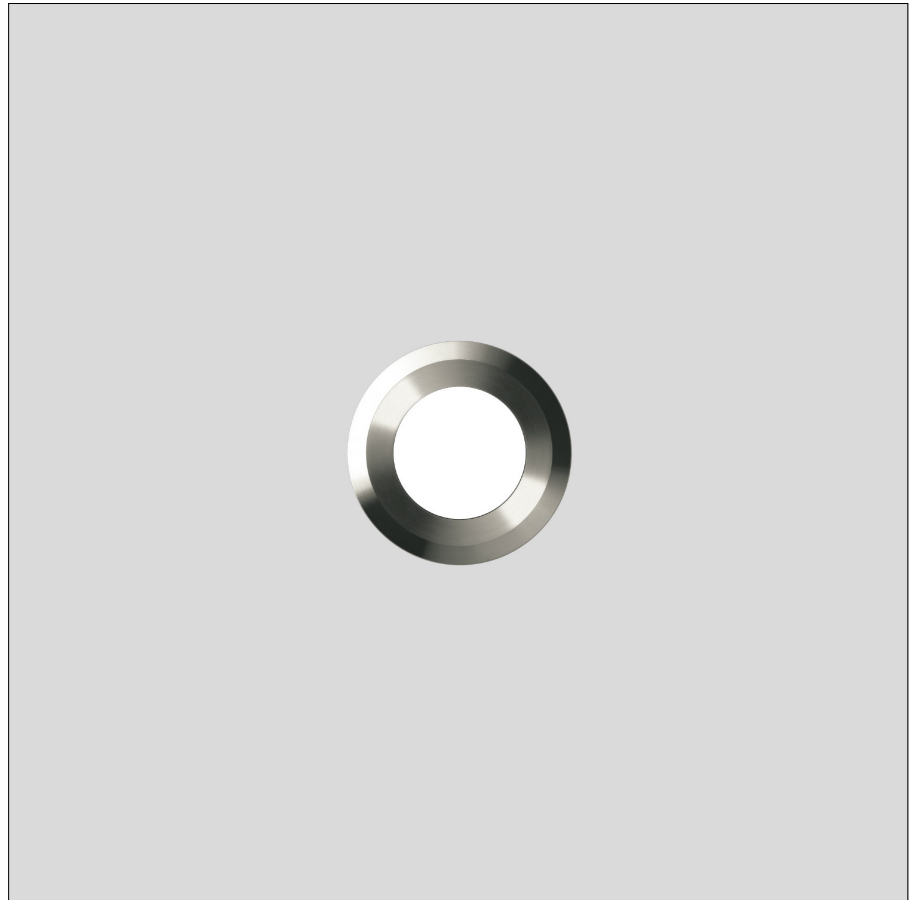Safety transformer according to
DIN EN 61558/VDE 0570 part 2-6

70 564	Power supply unit for	0-15 W
70 465	Power supply unit for	0-25 W
70 565	Power supply unit for	0-35 W
70 566	Power supply unit for	0-50 W
70 567	Power supply unit for	0-75 W
70 169	Power supply unit for	0-150 W
	230 V ∿ 50-60 Hz	

70 114 Power supply unit for 0-42 W
AC range: AC: 110-264 V ∿ 50-60 Hz
DC range: DC: 170-280 V

The power supply units are also suitable for the operation of several LED luminaires. In this case, the maximum wattage of the power supply unit must not be exceeded.

10 435 Installation housing

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

Lamp
Module connected wattage	0.2 W
Luminaire connected wattage	0.45 W
Rated temperature	$t_a = 25\ °C$
Ambient temperature	$t_{a\,max} = 60\ °C$
When installed in heat-insulating material	$t_{a\,max} = 60\ °C$

33 881 K3
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	30 lm
Luminaire luminous flux	6 lm
Luminaire luminous efficiency	13,3 lm/W

33 881 K4
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	30 lm
Luminaire luminous flux	6 lm
Luminaire luminous efficiency	13,3 lm/W

Service life · Ambient temperature
Ambient temperature $t_a = 25\ °C$
LED psu:	> 50,000 h
LED module:	> 200,000 h (L80 B50)
	100,000 h (L90 B50)

Ambient temperature $t_a = 60\ °C$
LED psu:	50,000 h
LED module:	116,000 h (L80 B50)
	100,000 h (L80 B50)

Article No. 33 881
LED colour temperature optionally 3000 K or 4000 K
3000 K – Article number + **K3**
4000 K – Article number + **K4**