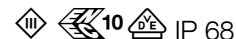


BEGA**33 831**

Recessed wall luminaire



Project · Reference number

Date

Product data sheet

Application

LED floodlight for recessed installation in walls.
For interior and exterior lighting applications.

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 \varnothing 45 mm
Recessed depth required 100 mm
Clear safety glass
Reflector surface made of pure aluminium
Connecting cable 05RN8-F 2 x 1²
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
 – 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

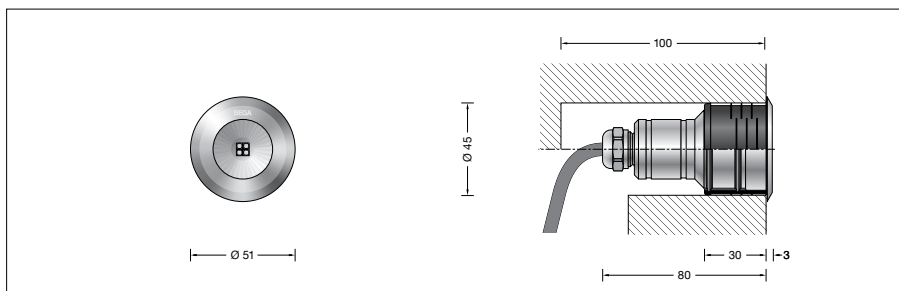
70 564	Power supply unit for	0-15 W
70 465	Power supply unit for	0-25 W
70 565	Power supply unit for	0-35 W
70 566	Power supply unit for	0-50 W
70 567	Power supply unit for	0-75 W
70 169	Power supply unit for	0-150 W
		230 V \sim 50-60 Hz

70 114 Power supply unit for 0-42 W
AC range: AC: 110-264 V \sim 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	1.1 W
Luminaire connected wattage	1.4 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	$t_{a\text{max}} = 55^\circ\text{C}$

33 831 K3

Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	160 lm
Luminaire luminous flux	133 lm
Luminaire luminous efficiency	95 lm/W

33 831 K4

Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	160 lm
Luminaire luminous flux	133 lm
Luminaire luminous efficiency	95 lm/W

Service life · Ambient temperature

Ambient temperature $t_a = 25^\circ\text{C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L80B50)
	100,000 h (L90B50)
Ambient temperature $t_a = 60^\circ\text{C}$	
LED psu:	50,000 h
LED module:	61,000 h (L80B50)
	77,000 h (L70B50)

Article No. 33 831

LED colour temperature optionally 3000K
or 4000K

3000 K – Article number + **K3**
4000 K – Article number + **K4**