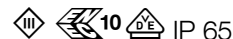


BEGA**22 230**

Recessed wall luminaire



Project · Reference number

Date

Product data sheet

Application

Recessed luminaire for glare free lighting of floor spaces and wall surfaces.
For installation in walls or ceilings.

Product description

LED recessed luminaire without power supply unit
Luminaire made of cast aluminium, aluminium and stainless steel
BEGA Unidure® coating technology
Clear safety glass
Reflector made of pure anodised aluminium
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 2.5²
Safety class III
Protection class IP 65
Dust-tight and protection against water jets – Safety mark
Impact strength IK10
Protection against mechanical impacts < 20 joule
CE – Conformity mark
Weight: 0.25 kg
This product contains light sources of energy efficiency class(es) C, D

Lighting technology

Luminaire data for the DIALux lighting design program for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at www.bega.com.

Accessories

Power supply unit for LED luminaires 24 V DC
Safety transformer according to EN 61558/VDE 0570 part 2-6

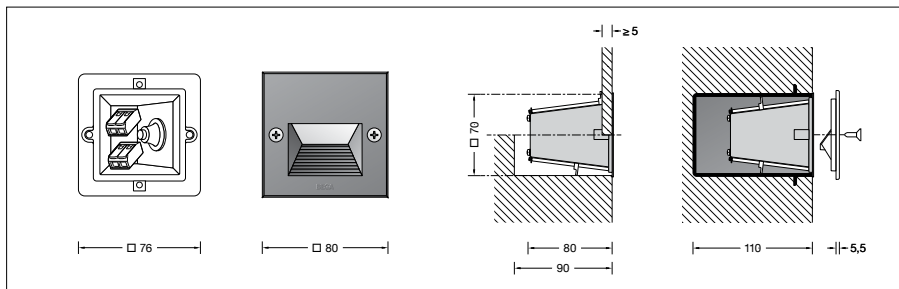
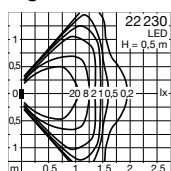
70 564	Power supply unit for	5-15 W
70 465	Power supply unit for	10-25 W
70 565	Power supply unit for	20-35 W
70 566	Power supply unit for	30-50 W
70 567	Power supply unit for	40-75 W
70 169	Power supply unit for	70-150 W
		230 V ~ 50-60 Hz

70 114 Power supply unit for 0-70 W
AC range: AC: 198-264 V ~ 50-60 Hz
DC range: DC: 176-275 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.

10 406 Installation housing

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

Light distribution**Lamp**

Module connected wattage	1.9 W
Luminaire connected wattage	2.7 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a, \max} = 55^\circ\text{C}$
When installed in heat-insulating material	$t_{a, \max} = 50^\circ\text{C}$
Voltage	24 V = DC

22 230 K3

Module designation	LED-0206/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	325 lm
Luminaire luminous flux	105 lm
Luminaire luminous efficiency	38,9 lm/W

22 230 K4

Module designation	LED-0206/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	330 lm
Luminaire luminous flux	107 lm
Luminaire luminous efficiency	39,6 lm/W

Service life · Ambient temperature

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

Ambient temperature max. $t_a = 55^\circ\text{C}$ (100 %)
LED module: 160,000 h (L 80 B 50)

Ratio of luminous flux

Luminous flux upper half-space	1,3 %
Luminous flux lower half-space	98,7 %

BUG rating according to IES TM-15-07:
0-1-0

CEN Flux Code according to EN 13032-2:
13-57-96-99-100-2-7-27-1

Article No. 22 230

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**