

BEGA**24 082**

Recessed wall luminaire



Project · Reference number

Date

Product data sheet

Application

Recessed wall luminaires made of cast bronze. Shielded LED luminaire for glare-free illumination of surfaces from low mounting height. The used LED technique offers durability and optimal light output with low power consumption at the same time.

Product description

Luminaire cover made of cast bronze
 Luminaire housing made of stainless steel
 Steel grade number 1.4301
 Matt safety glass
 Silicone gasket
 Recessed opening \varnothing 71 mm
 Recessed depth required 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
 ⚡10 ⚡ – Safety mark
 CE – Conformity mark
 Weight: 0.65 kg

Bronze

The luminaire is made of massive bronze and delivered with the metal's natural surface. Time and weather factors create the natural patina characteristic for bronze.

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

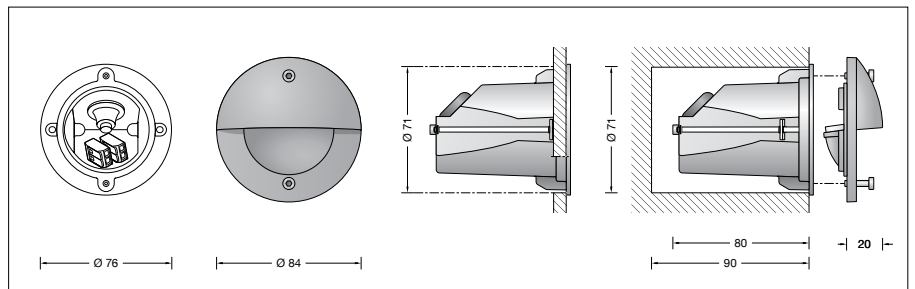
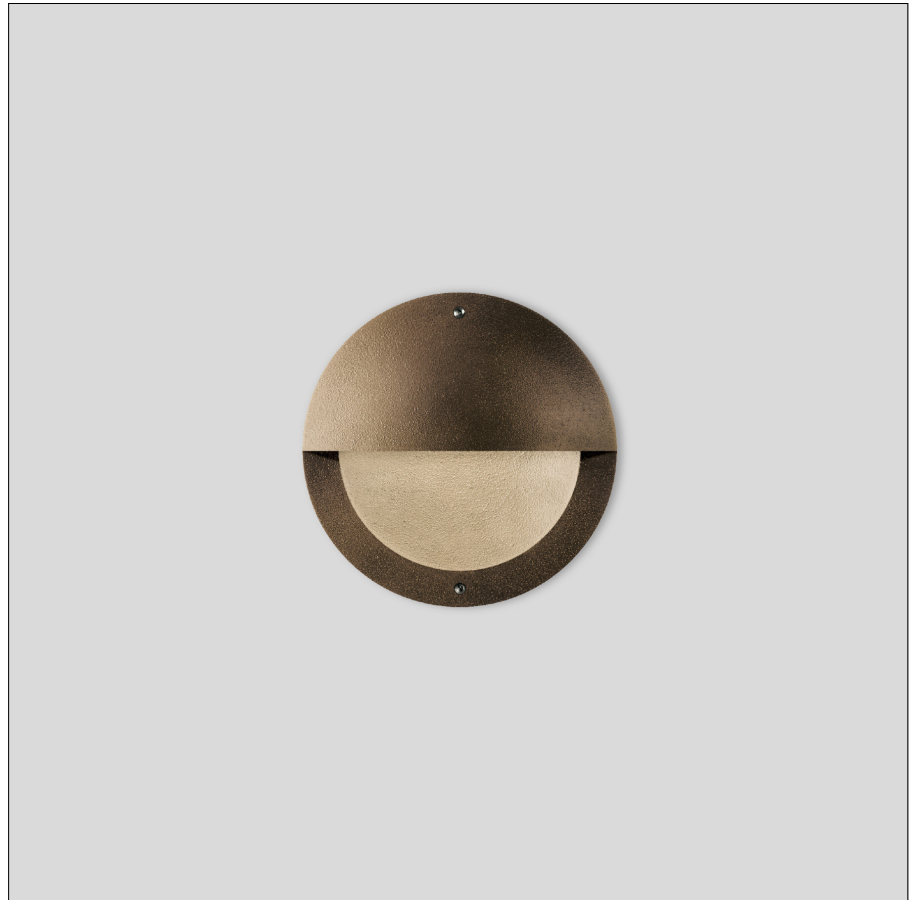
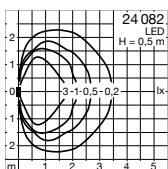
70 114 Power supply unit for 0-42 W
 AC range: AC: 110-264 V ~ 50-60 Hz
 DC range: DC: 170-280 V

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.

10 415 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 2.7 W
 Rated temperature $t_a = 25\text{ °C}$
 Ambient temperature $t_{a\text{ max}} = 50\text{ °C}$
 When installed in heat-insulating material $t_{a\text{ max}} = 45\text{ °C}$

24 082 K3

Module designation LED-0206/830
 Colour temperature 3000 K
 Colour rendering index CRI > 80
 Module luminous flux 265 lm
 Luminaire luminous flux 87 lm
 Luminaire luminous efficiency 32,2 lm/W

24 082 K4

Module designation LED-0206/840
 Colour temperature 4000 K
 Colour rendering index CRI > 80
 Module luminous flux 265 lm
 Luminaire luminous flux 87 lm
 Luminaire luminous efficiency 32,2 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$
 LED psu: > 50,000 h
 LED module: > 200,000 h (L 80 B 50)
 100,000 h (L 90 B 50)
 Ambient temperature $t_{a\text{ max}} = 50\text{ °C}$ (100 %)
 LED psu: 50,000 h
 LED module: 45,000 h (L 80 B 50)
 69,000 h (L 70 B 50)

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.

Article No. 24 082

LED colour temperature optionally 3000 K or 4000 K
 3000 K – Article number + **K3**
 4000 K – Article number + **K4**