

Project · Reference number

Date

Application

Unshielded LED luminaire for installation in walls.

With low light output for orientating lighting tasks.

The used LED technique offers durability and optimal light output with low power consumption at the same time.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel

Safety glass, white

Silicone gasket

Reflector made of pure anodised aluminium

Ceiling aperture \varnothing 175 mm

Recessed depth required 110 mm

Fixing is achieved by using two adjustable wedge-shaped claws

2 cable entries for through-wiring of mains supply cable \varnothing 7-10,5 mm, max. 3 G 1.5[□]

Connecting terminal 2.5[□]

Earth conductor connection

LED power supply unit

220-240 V \sim 0/50-60 Hz

DC 176-264 V

Safety class I

Protection class IP 65

Dust-tight and protection against water jets

Impact strength IK04

Protection against mechanical

impacts < 0.5 joule

CE – Conformity mark

Weight: 1.2 kg

Inrush current

Inrush current: 20 A / 170 μ s

Maximum number of luminaires of this type per miniature circuit breaker:

B 10A: 31 luminaires

B 16A: 50 luminaires

C 10A: 52 luminaires

C 16A: 85 luminaires

Lamp

Module connected wattage 3.8 W

Luminaire connected wattage 5.7 W

Rated temperature $t_a = 25$ °C

Ambient temperature $t_{a \text{ max}} = 40$ °C

24 017

Module designation LED-0634/830

Colour temperature 3000 K

Colour rendering index $R_a > 80$

Module luminous flux 670 lm

Luminaire luminous flux 417 lm

Luminaire luminous efficiency 73,2 lm/W

24 017 K4

Module designation LED-0634/840

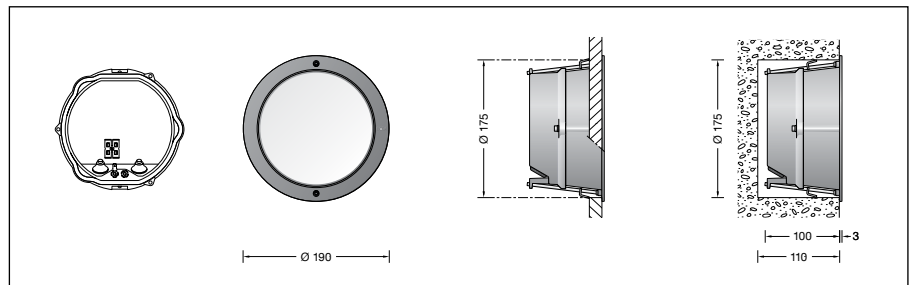
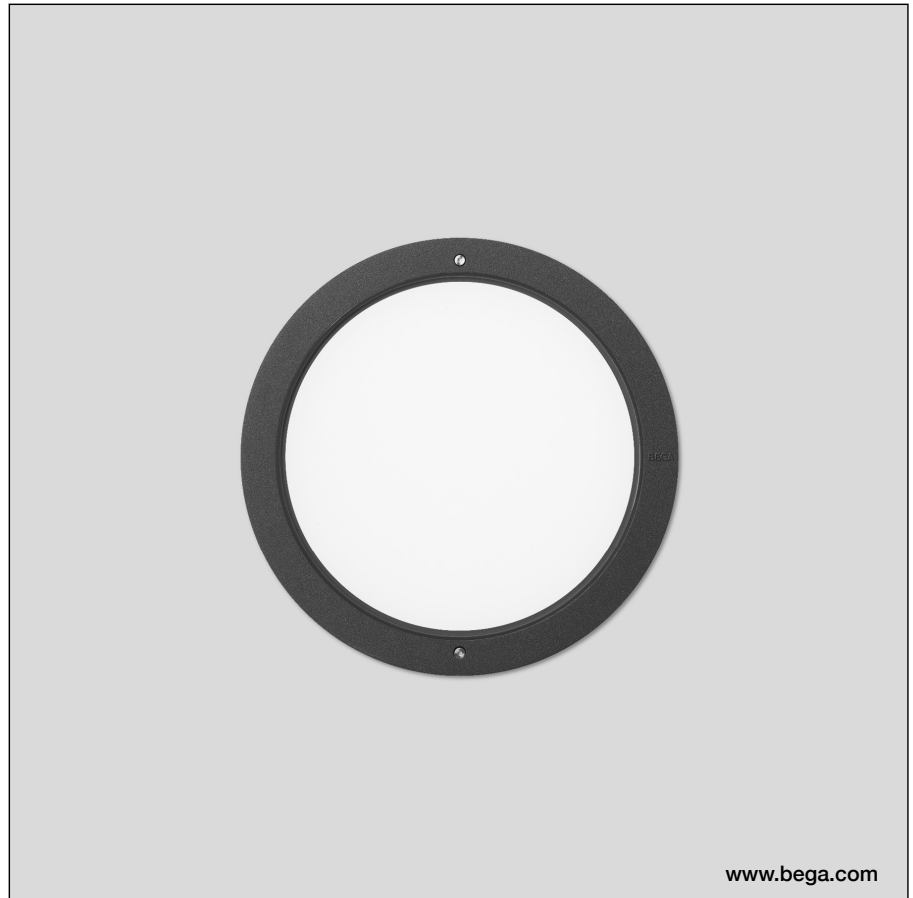
Colour temperature 4000 K

Colour rendering index $R_a > 80$

Module luminous flux 700 lm

Luminaire luminous flux 435 lm

Luminaire luminous efficiency 76,3 lm/W

**Lifetime of the LED**

Ambient temperature $t_a = 15$ °C

– at 50,000h: L90B10

– at > 500,000h: L70B50

Ambient temperature $t_a = 25$ °C

– at 50,000h: L90B10

– at > 500,000h: L70B50

max. ambient temperature $t_a = 40$ °C

– at 50,000h: L90B10

– at 360,000h: L70B50

Article No. 24 017

LED colour temperature optionally 3000K or 4000K

3000 K – Article number

4000 K – Article number + **K4**

Colour graphite or silver

graphite – article number

silver – article number + **A**

Accessories

10 486 Installation housing

10 086 Plaster frame

A separate instructions for use can be provided upon request.