

BEGA**24 151**

Recessed wall luminaire



Project · Reference number

Date

Product data sheet

Application

Shielded LED luminaire for installation in walls.
For glare-free illumination of surfaces from low mounting height.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
Matt safety glass with optical structure
Recessed opening \varnothing 120 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
Connection terminal 2.5²
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 IK08
Protection against mechanical
impacts < 5 joule
 – Safety mark
CE – Conformity mark
Weight: 0.85 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	4 W
Luminaire connected wattage	6 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 30$ °C

On request we can offer you modifications for
environments with higher temperatures as a
customized product.

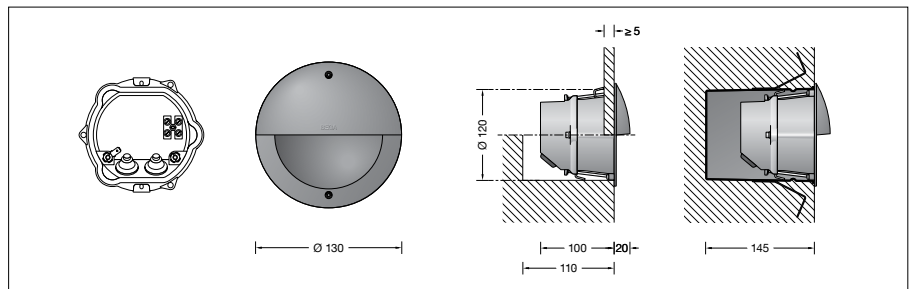
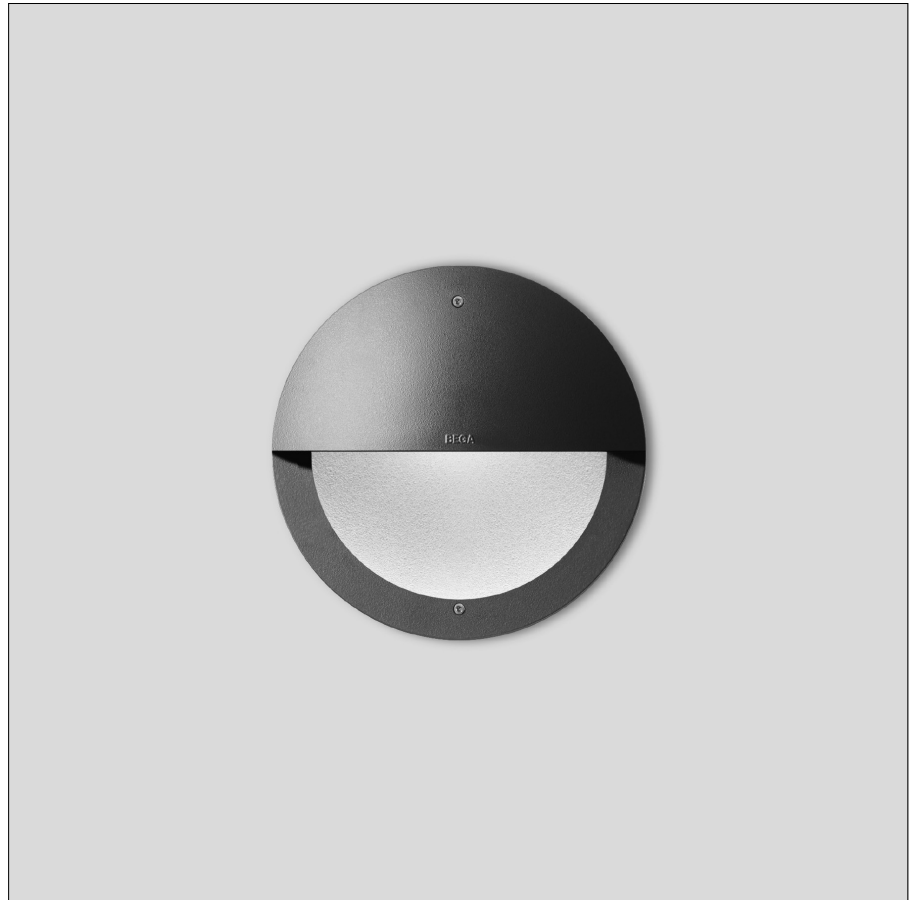
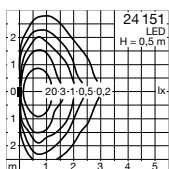
24 151 K3

Module designation	LED-0142/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	515 lm
Luminaire luminous flux	179 lm
Luminaire luminous efficiency	29,8 lm/W

24 151 K4

Module designation	LED-0142/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	550 lm
Luminaire luminous flux	191 lm
Luminaire luminous efficiency	31,8 lm/W

Light distribution



Service life · Ambient temperature

Ambient temperature $t_a = 25$ °C
LED psu: > 50,000h
LED module: 102,000h (L 80 B 50)
100,000h (L 80 B 50)

Ambient temperature $t_a = 30$ °C
LED psu: 50,000h
LED module: 97,000h (L 80 B 50)
100,000h (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. 24 151

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

Colour graphite or silver
graphite – article number
silver – article number + **A**

Accessories

10 781 Installation housing
13 544 Installation housing for installation in
insulated façades (EWIS)

10 081 Plaster frame
13 526 Plaster frame flush

A separate instructions for use can be provided
upon request.