

BEGA**24 012**

Recessed wall luminaire



Project · Reference number

Date

Product data sheet

Application

LED wall luminaire with unshielded light.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
Safety glass, white
Reflector made of pure anodised aluminium
Recessed opening \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. 5 G 1.5[□]
Connection terminal 2.5[□]
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-280 V
DALI controllable
A basic isolation exists between power cable
and control line
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK04
Protection against mechanical
impacts < 0.5 joule
 – Safety mark
 – Conformity mark
Weight: 1.4 kg

Inrush current

Inrush current: 5 A / 50 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B10A: 31 luminaires
B16A: 50 luminaires
C10A: 52 luminaires
C16A: 85 luminaires

Lamp

Module connected wattage	7.7 W
Luminaire connected wattage	10.1 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 35$ °C
When installed in heat-insulating material	$t_{a \max} = 25$ °C

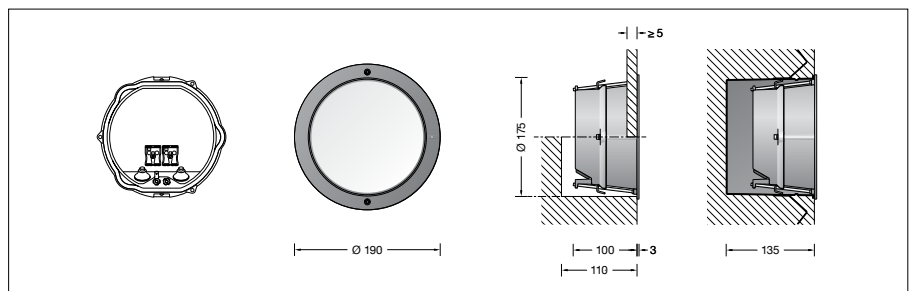
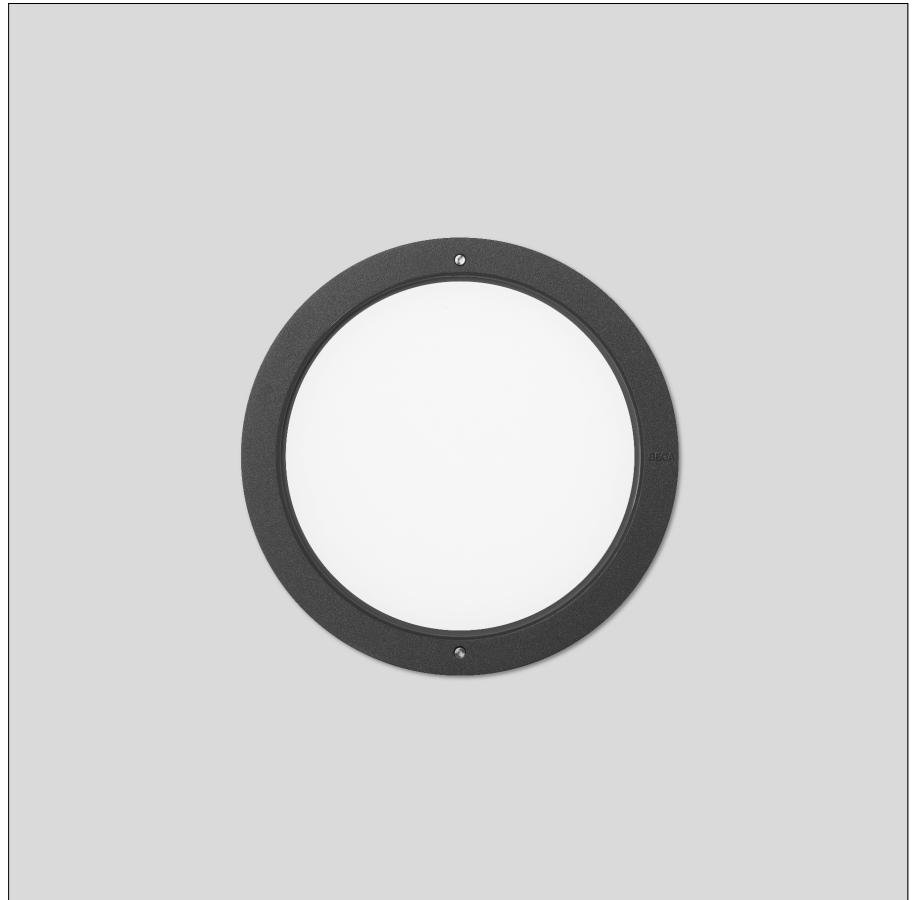
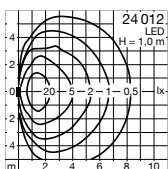
On request we can offer you modifications for
environments with higher temperatures as a
customized product.

24 012 K3

Module designation	LED-0634/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1510 lm
Luminaire luminous flux	899 lm
Luminaire luminous efficiency	89 lm/W

24 012 K4

Module designation	LED-0634/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1550 lm
Luminaire luminous flux	922 lm
Luminaire luminous efficiency	91,3 lm/W

Light distribution**Service life · Ambient temperature**

Ambient temperature $t_a = 25$ °C
LED psu: > 50,000 h
LED module: > 200,000 h (L.80 B.50)
100,000 h (L.90 B.50)

Ambient temperature $t_a = 35$ °C
LED psu: 50,000 h
LED module: > 200,000 h (L.80 B.50)
100,000 h (L.90 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. 24 012

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**

Accessories

10 486 Installation housing
13 545 Installation housing for installation in
insulated façades (EWIS)
10 086 Plaster frame
13 527 Plaster frame flush

A separate instructions for use can be provided
upon request.