

BEGA**50 603.1**

Wall luminaire for indoor use



Project · Reference number

Date

Product data sheet

Application

Wall luminaire · indoor luminaire with integrated power supply unit for many lighting tasks in interior applications.

The light emits upwards and downwards.

Product description

Luminaire made of aluminium alloy

Finish Colour velvet white

Safety glass

Reflectors made of anodised pure aluminium

2 elongated fixing holes

Width 5 mm · 76,5 mm spacing

1 cable entry for mains supply cable up to

ø 10.5 mm max. 5 x 1.5[□]

Connecting terminal 2.5[□]

with plug connection

Earth conductor connection

2-pole connection terminals for digital control

BEGA Ultimate Driver®

LED power supply unit

220-240 V ~ 0/50-60 Hz

DC 176-276 V

DALI-controllable

Basic insulation is provided between the mains and control cables

BEGA Thermal Control®

Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire

Safety class I

Impact strength IK07

Protection against mechanical

impacts < 2 joule

 – Safety mark

CE – Conformity mark

Weight: 2.1 kg

This product contains light sources of energy efficiency class(es) E

Inrush current

Inrush current: 1.2 A / 46 µs

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

B 10 A: 50 luminaires

B 16 A: 80 luminaires

C 10 A: 50 luminaires

C 16 A: 80 luminaires

Lamp

Module connected wattage 16.2 W

Luminaire connected wattage 19.3 W

Rated temperature $t_a = 25\text{ °C}$

Ambient temperature $t_{a\text{ max}} = 50\text{ °C}$

50 603.1 K3

Module designation 2x LED-0800/930

Colour temperature 3000 K

Colour rendering index CRI > 90

Module luminous flux 2510 lm

Luminaire luminous flux 1806 lm

Luminaire luminous efficiency 93,6 lm/W

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Module designation 2x LED-0800/940

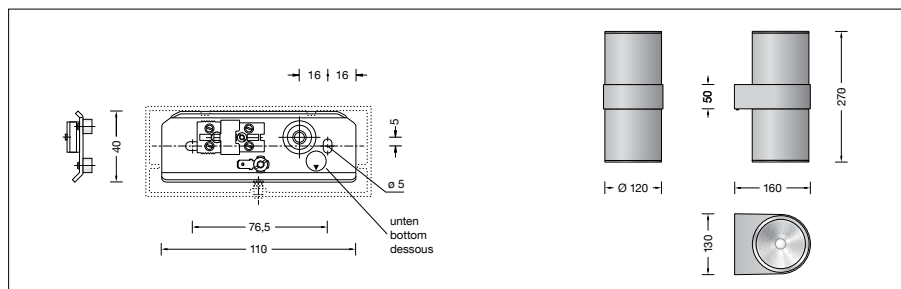
Colour temperature 4000 K

Colour rendering index CRI > 90

Module luminous flux 2550 lm

Luminaire luminous flux 1834 lm

Luminaire luminous efficiency 95 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)
50,000 h (L 90 B 50)

Ambient temperature max. $t_a = 50\text{ °C}$ (100 %)

LED psu: 50,000 h

LED module: 180,000 h (L 80 B 50)
50,000 h (L 90 B 50)

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.

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LED colour temperature optionally 3000 K or 4000 K

3000 K – Article number + **K3**

4000 K – Article number + **K4**

Optional finishes

- Velvet white
- Velvet black

Code number **.1**

Code number **.5**