

BEGA**31 045**

Wall luminaire



Project · Reference number

Date

Product data sheet

Application

Impact resistant wall luminaire made of massive cast bronze.

Luminaire for versatile applications where a highly robust construction and corrosion resistance are required.

Product description

Luminaire made of cast bronze and stainless steel
Crystal glass with optical texture,
white inside

Silicone gasket

2 mounting holes \varnothing 5,5 mm

Distance apart 114 mm

2 cable entries for through-wiring of mains
supply cable \varnothing 7-10,5 mm

Connection terminal 2.5²

Earth conductor connection

BEGA Ultimate Driver[®]

LED power supply unit

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

DC 176-264 V

BEGA Thermal Switch[®]

Temporary thermal shutdown to protect
temperature-sensitive components

Safety class I

Protection class IP 65

Dust-tight and protection against water jets

Impact strength IK06

Protection against mechanical
impacts < 1 joule

– Safety mark

CE – Conformity mark

Weight: 3,4 kg

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

Inrush current

Inrush current: 11,3 A / 112 μ s

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

B 10A: 34 luminaires

B 16A: 55 luminaires

C 10A: 57 luminaires

C 16A: 92 luminaires

Lamp

Module connected wattage 7,8 W

Luminaire connected wattage 9 W

Rated temperature $t_a = 25$ °C

Ambient temperature $t_{a\max} = 45$ °C

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

31 045 K3

Module designation LED-0918/830

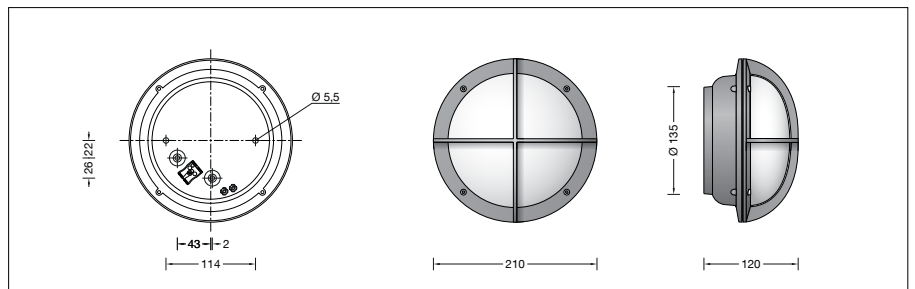
Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 1350 lm

Luminaire luminous flux 581 lm

Luminaire luminous efficiency 64,6 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25$ °C

LED psu: > 50,000 h

LED module: 140,000 h (L 80 B 50)

Ambient temperature max. $t_a = 45$ °C (100 %)

LED psu: 50,000 h

LED module: 110,000 h (L 80 B 50)

Bronze

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

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.