

BEGA**31 072**

Wall luminaire



Project · Reference number

Date

Product data sheet

Application

Unshielded wall luminaire with high protection class.

A luminaire made of aluminium alloy and crystal glass.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
Colour graphite or bronze
Safety glass
Silicone light diffuser
Mounting plate with 2 fixing
holes \varnothing 4.4 mm · 60 x 95 mm spacing
2 cable entries for through-wiring of mains
supply cable \varnothing 7-12 mm
Connecting terminal 2.5²
with plug connection
Earth conductor connection
BEGA Ultimate Driver®
Complies with flicker requirements in
accordance with IEEE 1789,
DIN IEC/TR 63158, DIN IEC/TR 61547-1
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-280 V
BEGA Thermal Control®
Temporary thermal regulation to protect
temperature-sensitive components without
switching off the luminaire
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK07
Protection against mechanical
impacts < 2 joule
 – Safety mark
 – Conformity mark
 Weight: 2.8 kg
 This product contains light sources of energy
efficiency class(es) C

Inrush current

Inrush current: 5 A / 40 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:

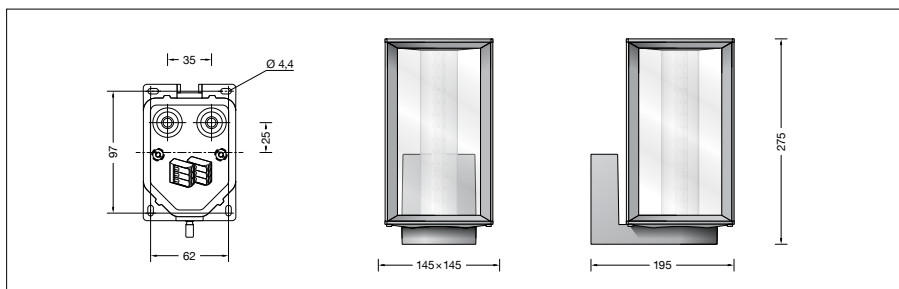
B 10A: 50 luminaires
B 16A: 50 luminaires
C 10A: 80 luminaires
C 16A: 80 luminaires

Lamp

Module connected wattage	9.5 W
Luminaire connected wattage	10.8 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 50$ °C

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Module designation	LED-1324/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1835 lm
Luminaire luminous flux	916 lm
Luminaire luminous efficiency	84,8 lm/W



Service life · Ambient temperature

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

Ambient temperature max. $t_a = 50$ °C (100 %)	
LED psu:	50,000h
LED module:	140,000h (L 80 B 50)

Lighting technology

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 are available on the
BEGA website at www.bega.com.

Ratio of luminous flux

Luminous flux upper half-space	50,9 %
Luminous flux lower half-space	49,1 %

BUG rating according to IES TM-15-07:
0-3-1

CEN Flux Code according to EN 13032-2:
8-31-63-49-100-8-32-64-51

Article No. 31 072

Colour graphite or bronze
graphite – article number
bronze – article number + **B**