

BEGA**24 849**

Wall luminaire



Project · Reference number

Date

Product data sheet

Application

Unshielded wall luminaire with high protection class.

A luminaire made of aluminium alloy and hand-blown three-ply opal glass

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 BEGA Unidure® coating technology
 Opal glass with screw neck
 Mounting plate with 2 fixing holes \varnothing 4.5 mm · 110 x 40 mm spacing
 2 cable entries for through-wiring of mains supply cable \varnothing 7-10.5 mm
 Connecting terminal 2.5² with plug connection
 Earth conductor connection
 BEGA Ultimate Driver®
 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
 – Safety mark
 – Conformity mark
 Weight: 1.7 kg
 This product contains light sources of energy efficiency class(es) B

Inrush current

Inrush current: 5 A / 40 μ s

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

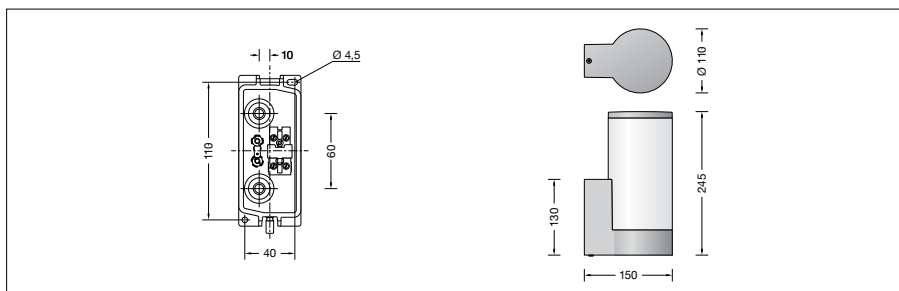
B 10A: 50 luminaires
 B 16A: 50 luminaires
 C 10A: 80 luminaires
 C 16A: 80 luminaires

Lamp

Module connected wattage	4.7 W
Luminaire connected wattage	5.7 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 55$ °C

24 849 K3

Module designation	LED-1117/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	970 lm
Luminaire luminous flux	528 lm
Luminaire luminous efficiency	92,6 lm/W



Service life · Ambient temperature

Rated 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 max. $t_a = 55$ °C (100 %)	
LED psu:	50,000 h
LED module:	> 200,000 h (L 80 B 50) > 100,000 h (L 90 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.

Article No. 24 849

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**