

BEGA**24 471**

Wall luminaire



Project · Reference number

Date

Product data sheet

Application

Wall luminaire with shielded light source.
A luminaire of high protection class and single-sided, downwards directed light sector.
For a variety of lighting tasks in interior and exterior lighting applications.

Product description

Luminaire made of aluminium alloy and stainless steel
BEGA Unidure® coating technology
Safety glass, white
Silicone gasket
2 elongated fixing holes
Width 4.5 mm · 177 mm spacing
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
 – Conformity mark
Weight: 1.1 kg
This product contains light sources of energy efficiency class(es) D

Lamp

Module connected wattage	3.8 W
Luminaire connected wattage	4.9 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 45^\circ\text{C}$

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

24 471 K3

Module designation	LED-0424/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	630 lm
Luminaire luminous flux	230 lm
Luminaire luminous efficiency	46,9 lm/W

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Module designation	LED-0424/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	665 lm
Luminaire luminous flux	243 lm
Luminaire luminous efficiency	49,6 lm/W

Ratio of luminous flux

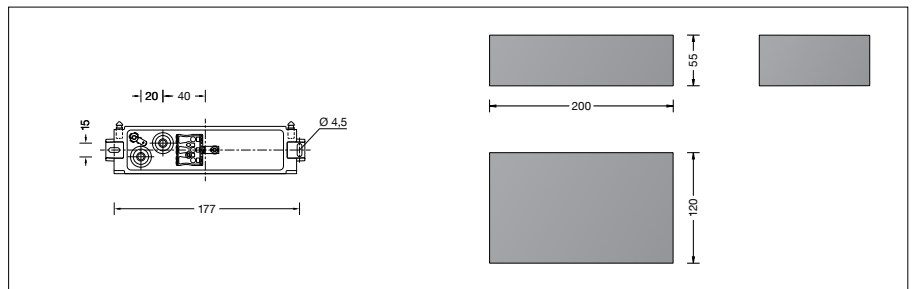
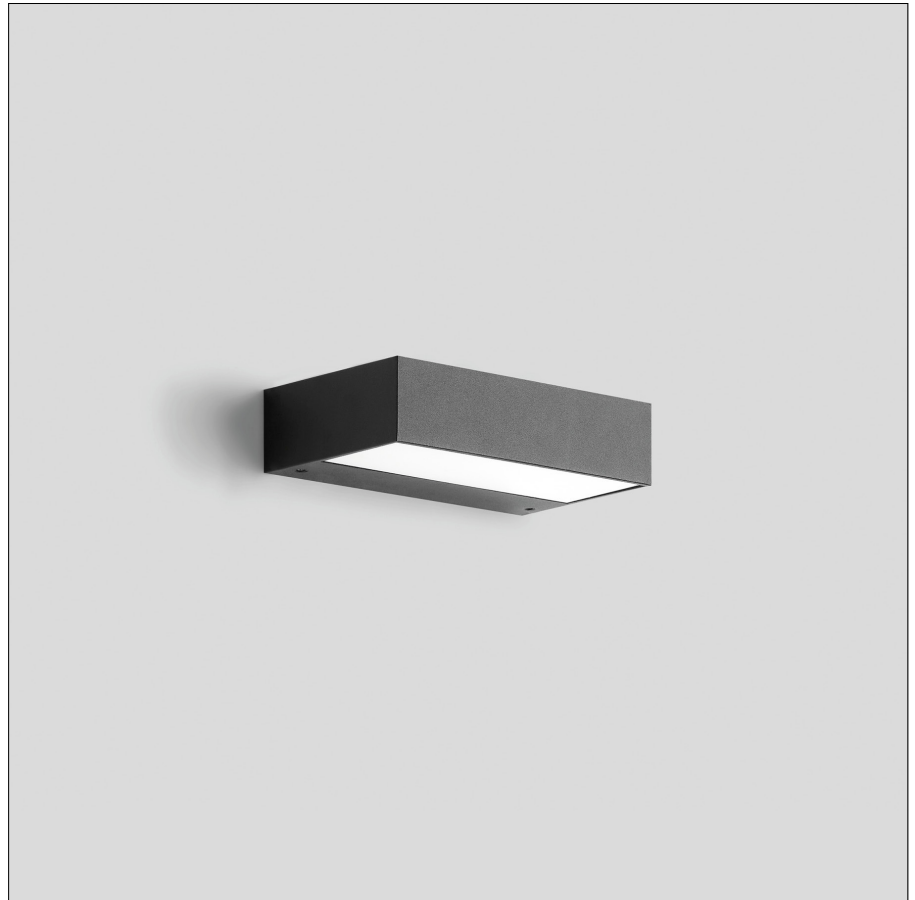
Luminous flux upper half-space	0 %
Luminous flux lower half-space	100 %

BUG rating according to IES TM-15-07:

0-0-0

CEN Flux Code according to EN 13032-2:

47-79-96-100-100



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$
LED psu: > 50,000 h
LED module: > 200,000 h (L 80 B 50)
100,000 h (L 90 B 50)

Ambient temperature max. $t_a = 45^\circ\text{C}$ (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 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.

Inrush current

Inrush current: 7.8 A / 112 μs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A: 38 luminaires
B 16 A: 61 luminaires
C 10 A: 64 luminaires
C 16 A: 102 luminaires

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LED colour temperature optionally 3000 K or 4000 K
3000 K – Article number + **K3**
4000 K – Article number + **K4**

Colour optionally graphite, white or silver
Graphite – Article number
White – Article number + **W**
Silver – Article number + **A**