

BEGA**24 221**

Wall luminaire



Project · Reference number

Date

Product data sheet

Application

Wall luminaire with asymmetrical light distribution.
For lighting of floor spaces, traffic areas and house entrances.

Dark Sky

The light of this luminaire is directed evenly and highly efficiently onto the surface to be illuminated. Less than 1 % of the luminaire luminous flux is emitted into the upper half-space of the luminaire.

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
BEGA Unidure® coating technology
Colour graphite or silver
Safety glass with optical structure
Silicone gasket
Reflector made of pure anodised aluminium
2 mounting holes \varnothing 5 mm
Distance apart 240 mm
2 cable entries for through-wiring of mains supply cable \varnothing 7-10.5 mm
Connecting terminal and earth conductor terminal 2.5[□]
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-280 V
DC Start \geq 190 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 IK09
Protection against mechanical impacts < 10 joule
⚡ 10 ⚡ – Safety mark
CE – Conformity mark
Weight: 3.8 kg
This product contains light sources of energy efficiency class(es) B, C

Lamp

Module connected wattage	13.4 W
Luminaire connected wattage	15.8 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 45\text{ °C}$

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

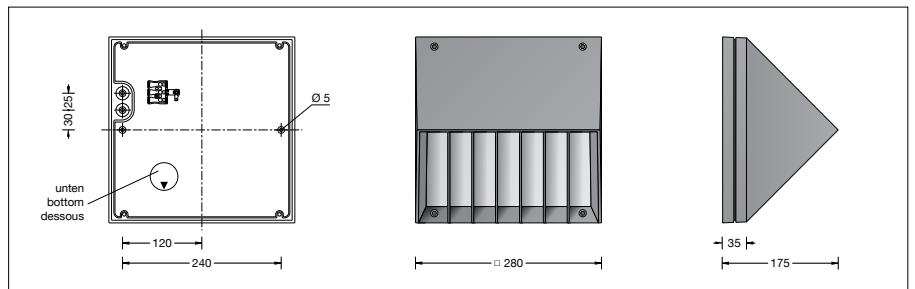
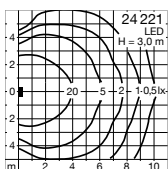
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Module designation	LED-0731/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2650 lm
Luminaire luminous flux	1466 lm
Luminaire luminous efficiency	92,8 lm/W

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Module designation	LED-0731/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2725 lm
Luminaire luminous flux	1507 lm
Luminaire luminous efficiency	95,4 lm/W

Light distribution



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)
	100,000 h (L 90 B 50)
Ambient temperature max. $t_a = 45\text{ °C}$ (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 A / 24 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A: 29 luminaires
B 16 A: 48 luminaires
C 10 A: 49 luminaires
C 16 A: 80 luminaires

Ratio of luminous flux

Luminous flux upper half-space	0,9 %
Luminous flux lower half-space	99,1 %

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

CEN Flux Code according to EN 13032-2:
61 – 86 – 97 – 99 – 100 – 0 – 3 – 30 – 1

Article No. 24 221

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**