

BEGA**24 219**

Wall luminaire



Project · Reference number

Date

Product data sheet

Application

Wall luminaire with directed light.
A luminaire with concentrated light distribution downwards which additionally utilises the reflection properties of the mounting surface.

Dark Sky

The light of this luminaire is directed evenly and highly efficiently onto the surface to be illuminated. No light 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
Matt safety glass
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 IK07
Protection against mechanical
impacts < 2 joule
 – Safety mark
 – Conformity mark
 Weight: 3.7 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	$t_a = 25^\circ\text{C}$
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.

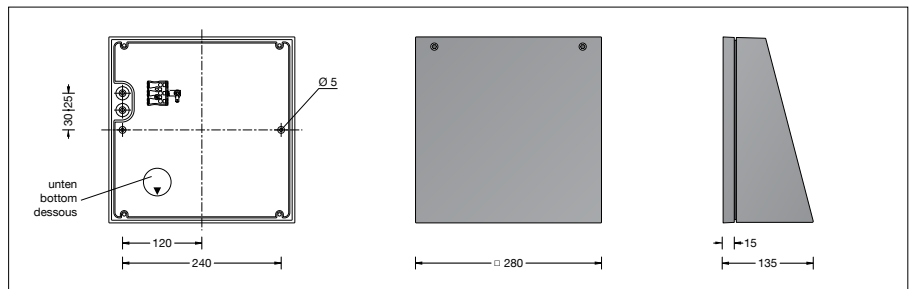
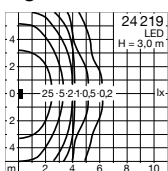
24 219 K3

Module designation	LED-0731/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2650 lm
Luminaire luminous flux	1762 lm
Luminaire luminous efficiency	111,5 lm/W

24 219 K4

Module designation	LED-0731/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2725 lm
Luminaire luminous flux	1811 lm
Luminaire luminous efficiency	114,6 lm/W

Light distribution



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 A / 24 μs
 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 %
 Luminous flux lower half-space 100 %

BUG rating according to IES TM-15-07:

1-0-0

CEN Flux Code according to EN 13032-2:
 74-95-100-100-100

Article No. 24 219

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 + **A**
 silver – article number + **B**