

BEGA**24 218**

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.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
Matt safety glass
Silicone gasket
Reflector made of pure anodised aluminium
2 mounting holes \varnothing 5 mm
Distance apart 100 mm
2 cable entries for through-wiring of mains
supply cable \varnothing 7-10,5 mm
Connecting terminal and
earth conductor terminal 2,5[□]
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 IK08
Protection against mechanical
impacts < 5 joule
 – Safety mark
 – Conformity mark
Weight: 1.8 kg
This product contains light sources of energy
efficiency class(es) C

Lamp

Module connected wattage	7.7 W
Luminaire connected wattage	8.8 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 60$ °C

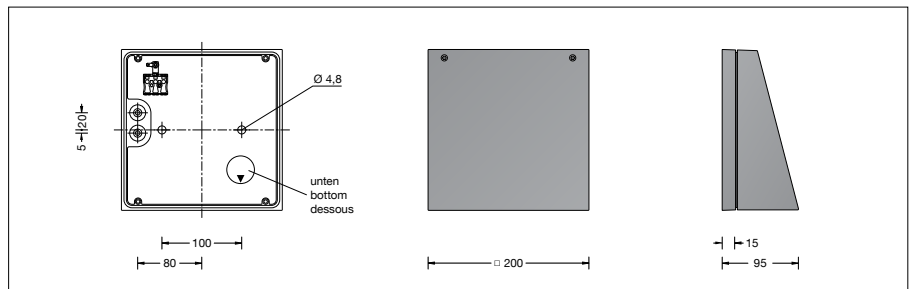
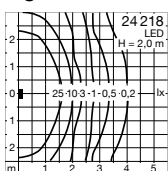
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Module designation	LED-0730/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1445 lm
Luminaire luminous flux	971 lm
Luminaire luminous efficiency	110,3 lm/W

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Module designation	LED-0730/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1465 lm
Luminaire luminous flux	984 lm
Luminaire luminous efficiency	111,8 lm/W

Light distribution



Service life · Ambient temperature

Rated temperature $t_a = 25$ °C	
LED psu:	> 50,000 h
LED module:	200,000 h (L80 B50)
	100,000 h (L90 B50)
Ambient temperature max. $t_a = 60$ °C (100 %)	
LED psu:	50,000 h
LED module:	150,000 h (L80 B50)

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.

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.

Inrush current

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

B 10 A:	50 luminaires
B 16 A:	50 luminaires
C 10 A:	80 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:
78-96-100-100-100

Article No. 24 218

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**