

BEGA**33816**

Wall luminaire



Project · Reference number

Date

Product data sheet

Application

Shielded wall luminaire with symmetrical light distribution makes it particularly well-suited for installation on columns and wall faces.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
Safety glass with optical structure
Silicone gasket
Reflector made of pure anodised aluminium
2 mounting holes \varnothing 4.5 mm
Distance apart 105 mm
2 cable entries for through-wiring of mains
supply cable \varnothing 7-10.5 mm, max. 5 G 1.5[□]
Connecting terminal and
earth conductor terminal 2.5[□]
BEGA Ultimate Driver®
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-264 V
DALI-controllable
Basic insulation is provided between the mains
and control cables
BEGA Thermal Control®
Temporary thermal regulation to protect
temperature-sensitive components without
switching off the luminaire
Safety class I
Protection class IP 64
Dust-tight and protection against splash water
Impact strength IK04
Protection against mechanical
impacts < 0.5 joule
 – Safety mark
 – Conformity mark
Weight: 1.7 kg
This product contains light sources of energy
efficiency classes C

Lamp

Module connected wattage	13.7 W
Luminaire connected wattage	16 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 50\text{ °C}$

33816 K3

Module designation	LED-0341/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2600 lm
Luminaire luminous flux	1729 lm
Luminaire luminous efficiency	108,1 lm/W

33816 K4

Module designation	LED-0341/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2670 lm
Luminaire luminous flux	1775 lm
Luminaire luminous efficiency	110,9 lm/W

Ratio of luminous flux

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

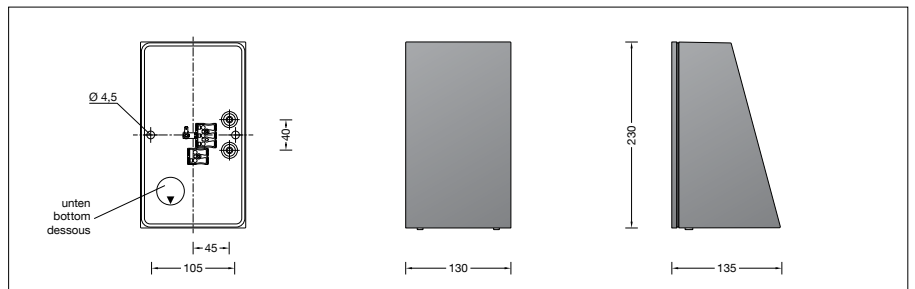
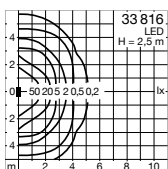
BUG rating according to IES TM-15-07:

2-0-0

CEN Flux Code according to EN 13032-2:

84-98-100-100-100

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. $t_a = 50\text{ °C}$ (100 %)

LED psu:	50,000 h
LED module:	77,000 h (L 80 B 50)
	100,000 h (L 70 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: 5 A / 100 μ s
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A: 56 luminaires
B 16 A: 90 luminaires
C 10 A: 56 luminaires
C 16 A: 90 luminaires

Article No. 33816

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**