

**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  
 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<sup>2</sup>  
 Connecting terminal and earth conductor terminal 2.5<sup>2</sup>  
 LED power supply unit  
 220-240 V  $\sim$  0/50-60 Hz  
 DC 176-280 V  
 DC Start  $\geq$  190 V  
 DALI controllable  
 A basic isolation exists between power cable and control line  
 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

### Lamp

Module connected wattage	13.9 W
Luminaire connected wattage	17 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 50^\circ\text{C}$

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

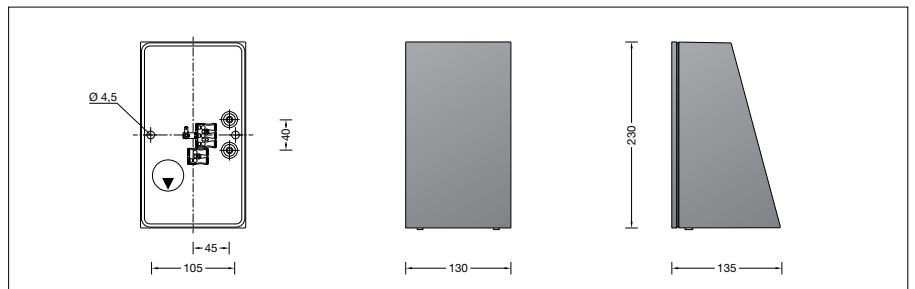
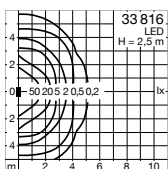
### 33816 K3

Module designation	LED-0341/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2490 lm
Luminaire luminous flux	1656 lm
Luminaire luminous efficiency	97,4 lm/W

### 33816 K4

Module designation	LED-0341/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2550 lm
Luminaire luminous flux	1695 lm
Luminaire luminous efficiency	99,7 lm/W

### Light distribution



### Lifetime of the LED

Ambient temperature  $t_a = 15^\circ\text{C}$   
 – at 50,000h: L90 B10  
 – at > 500,000h: L70 B50

Ambient temperature  $t_a = 25^\circ\text{C}$   
 – at 50,000h: L90 B10  
 – at 457,000h: L70 B50

max. ambient temperature  $t_a = 50^\circ\text{C}$   
 – at 50,000h: L80 B50  
 – at 101,000h: L70 B50

### Inrush current

Inrush current: 24 A / 115  $\mu\text{s}$   
 Maximum number of luminaires of this type per miniature circuit breaker:

B10A:	31 luminaires
B16A:	51 luminaires
C10A:	53 luminaires
C16A:	86 luminaires

### Light technique

Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting as well as luminaire data in EULUMDAT- and IES-format you will find on the BEGA web page [www.bega.com](http://www.bega.com).

### 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**