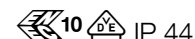


**BEGA****44 009**

Wall luminaire



Project · Reference number

Date

## Product data sheet

### Application

Unshielded wall luminaire made of stainless steel.

By means of the three-ply opal glass the light is distributed softly and uniformly over the glass surface.

### Product description

Luminaire made of stainless steel  
 Steel grade no. 1.4401  
 Opal glass with screw neck  
 Silicone gasket  
 Mounting plate with 2 fixing holes  $\varnothing$  4.5 mm · 40 mm spacing  
 1 cable entry for mains supply cable up to  $\varnothing$  10,5 mm  
 Connection terminal 2.5<sup>□</sup>  
 Earth conductor connection  
 LED power supply unit  
 220-240 V  $\sim$  0/50-60 Hz  
 BEGA Thermal Control®  
 Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire  
 Safety class I  
 Protection class IP 44  
 Protected against granular foreign bodies  $\geq$  1 mm and splash water  
 Impact strength IK03  
 Protection against mechanical impacts < 0.35 joule  
 – Safety mark  
 – Conformity mark

Weight: 0.9 kg

This product contains light sources of energy efficiency class(es) B

### Lighting technology

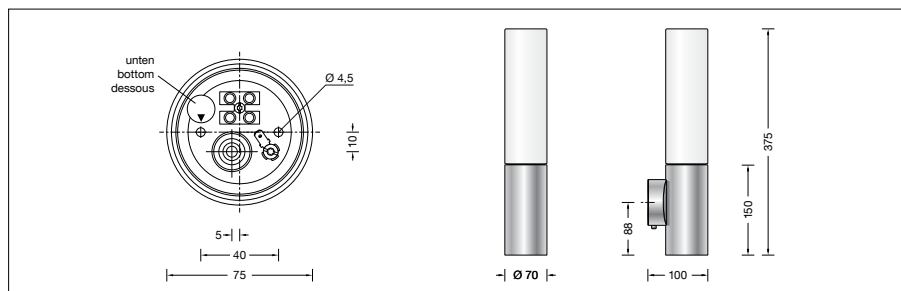
Luminaire data for the DIALux lighting design program for outdoor lighting, street lighting and indoor lighting, as well as luminaire data in EULUMDAT and IES format are available on the BEGA website at [www.bega.com](http://www.bega.com).

### Lamp

Module connected wattage	1.9 W
Luminaire connected wattage	2.9 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 60\text{ °C}$

### 44 009 K3

Module designation	LED-0253/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	390 lm
Luminaire luminous flux	300 lm
Luminaire luminous efficiency	103,4 lm/W



### Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L80 B50) > 100,000 h (L90 B50)

Ambient temperature max.  $t_a = 60\text{ °C}$  (100 %)

LED psu:	50,000 h
LED module:	> 200,000 h (L80 B50) > 100,000 h (L90 B50)

### Ratio of luminous flux

Luminous flux upper half-space	51,9 %
Luminous flux lower half-space	48,1 %

BUG rating according to IES TM-15-07:  
0-3-1

CEN Flux Code according to EN 13032-2:  
13-37-68-48-100-16-41-70-52

### Inrush current

Inrush current: 3.5 A / 25  $\mu$ s

Maximum number of luminaires of this type per miniature circuit breaker:

B 10A:	50 luminaires
B 16A:	50 luminaires
C 10A:	80 luminaires
C 16A:	80 luminaires

### Light distribution

