

**BEGA****31 078**

Wall luminaire »Kopenhagen«



Project · Reference number

Date

## Product data sheet

### Application

Unshielded luminaire with hand-blown crystal glass for a variety of lighting tasks.

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
 Luminaire top made of copper  
 Crystal glass  
 Wall mounting with a mounting plate made of stainless steel, Steel grade number 1.4301  
 Mounting plate with 2 fixing holes  $\varnothing$  5 mm · 70 mm spacing  
 1 cable entry for mains supply cable up to  $\varnothing$  10,5 mm max.  $3 \times 1,5^{\square}$   
 Connection terminal 2.5 $^{\square}$   
 Earth conductor connection  
 BEGA Ultimate Driver®  
 LED power supply unit  
 220-240 V  $\sim$  0/50-60 Hz  
 DC 176-264 V  
 BEGA Thermal Switch®  
 Temporary thermal shutdown to protect temperature-sensitive components  
 Safety class I  
 Protection class IP 23  
 Protected against granular foreign bodies > 12 mm and showers up to 60°  
 – Safety mark  
 – Conformity mark  
 Weight: 3.6 kg

### Copper

The luminaire parts made of solid copper are delivered with the metal's natural surface colour. Time and weather factors create the natural patina characteristic for copper.

### Inrush current

Inrush current: 7 A / 112  $\mu$ s  
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B10A: 38 luminaires  
 B16A: 61 luminaires  
 C10A: 64 luminaires  
 C16A: 102 luminaires

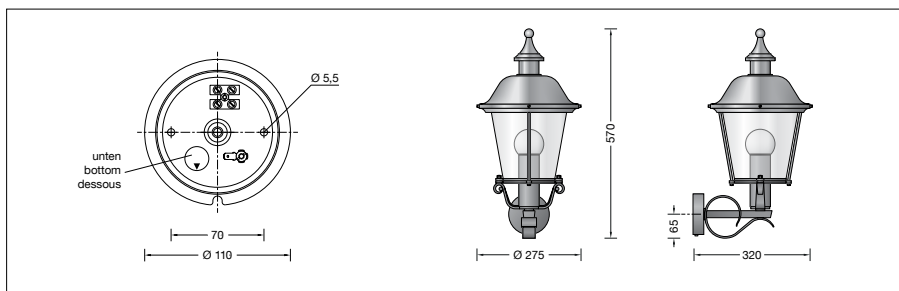
### Lamp

Module connected wattage	3.9 W
Luminaire connected wattage	5 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a \text{ max}} = 35^{\circ}\text{C}$

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

### 31 078 K3

Module designation	LED-0480/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	715 lm
Luminaire luminous flux	406 lm
Luminaire luminous efficiency	81,2 lm/W



### Service life · Ambient temperature

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

Ambient temperature $t_{a \text{ max}} = 35^{\circ}\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	155,000 h (L80 B50)

### 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).