

**BEGA****24 046**

Wall luminaire



Project · Reference number

Date

## Product data sheet

### Application

LED wall luminaire with shielded light.  
Light emission  $3 \times 90^\circ \cdot 1 \times 15^\circ$ .  
Fully glare free light for lighting wall surfaces  
and for interior or exterior lighting design.

### Product description

Luminaire made of aluminium alloy,  
aluminium and stainless steel  
BEGA Unidure® coating technology  
Safety glass  
Optical silicone lens  
Light sector  $3 \times 90^\circ \cdot 1 \times 15^\circ$   
Mounting plate with  
4 mounting holes  $\varnothing 4,5$  mm  
Distance apart  $86 \times 86$  mm  
2 cable entries for through-wiring of mains  
supply cable  $\varnothing 7-12$  mm,  
max. 5 G 1.5<sup>□</sup>  
Connecting terminal 2.5<sup>□</sup>  
with plug connection  
Earth conductor connection  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 176-276 V  
DALI controllable  
A basic isolation exists between power cable  
and control line  
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 IK05  
Protection against mechanical  
impacts < 0.7 joule  
 – Safety mark  
**CE** – Conformity mark  
Weight: 1.8 kg

### Lamp

Module connected wattage	17 W
Luminaire connected wattage	19.5 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 40^\circ\text{C}$

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

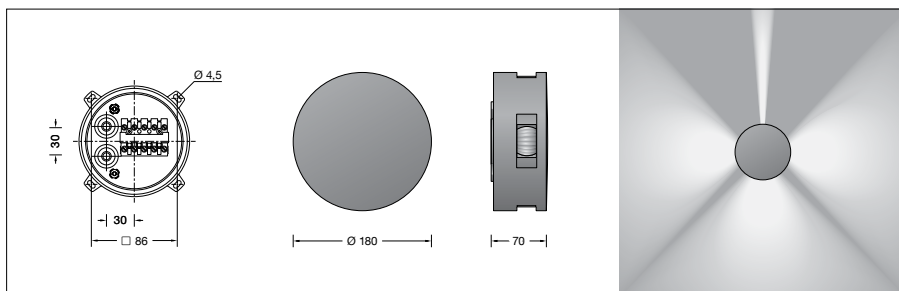
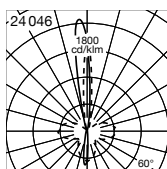
### 24 046 K3

Module designation	LED-0886/830 + 3x LED-0887/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2480 lm
Luminaire luminous flux	671 lm
Luminaire luminous efficiency	34,4 lm/W

### 24 046 K4

Module designation	LED-0886/840 + 3x LED-0887/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2635 lm
Luminaire luminous flux	713 lm
Luminaire luminous efficiency	36,6 lm/W

### Light distribution



### Service life · Ambient temperature

Rated temperature	$t_a = 25^\circ\text{C}$
LED psu:	> 50,000h
LED module:	> 200,000h (L80B50)
Ambient temperature	$t_{a\text{max}} = 40^\circ\text{C}$ (100 %)
LED psu:	50,000h
LED module:	175,000h (L80B50)

### 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).

### Inrush current

Inrush current: 12 A / 24.2  $\mu\text{s}$   
Maximum number of luminaires of this  
type per miniature circuit breaker:  
B10A: 50 luminaires  
B16A: 50 luminaires  
C10A: 50 luminaires  
C16A: 50 luminaires

### Article No. 24 046

LED colour temperature optionally 3000 K  
or 4000 K  
3000 K – Article number + **K3**  
4000 K – Article number + **K4**  
Colour optionally graphite, white or silver  
Graphite – Article number  
White – Article number + **W**  
Silver – Article number + **A**