

**BEGA****24 008**

Wall luminaire



Project · Reference number

Date



## Product data sheet

### Application

Wall luminaire with two-sided light output.  
For illumination and design tasks in architecture.  
The light directed downwards is intended to illuminate the wall and the horizontal surface in front of it.

The light directed upwards is intended to illuminate the wall and ceiling surfaces.

### Product description

Luminaire made of aluminium alloy,  
aluminium and stainless steel  
BEGA Unidure® coating technology  
Clear safety glass  
Silicone gasket  
Reflector made of pure anodised aluminium  
Mounting plate with 2 fixing  
holes  $\varnothing$  4.3 mm · 160 x 14 mm spacing  
2 cable entries for through-wiring of mains  
supply cable  $\varnothing$  7-10.5 mm, max. 5G1.5<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 176-264 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 IK10  
Protection against mechanical  
impacts < 20 joule  
 – Safety mark  
 – Conformity mark  
Weight: 3.2 kg

### Lamp

Module connected wattage	24.2 W
Luminaire connected wattage	27.2 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 35^\circ\text{C}$

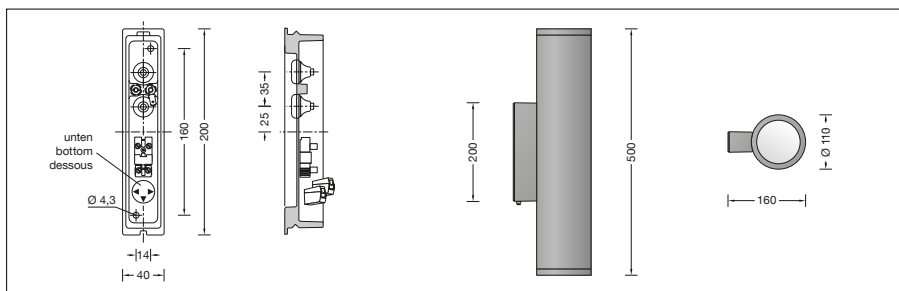
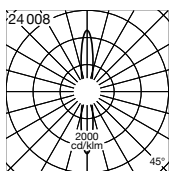
### 24 008 K3

Module designation	2x LED-0813/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	3480 lm
Luminaire luminous flux	2216 lm
Luminaire luminous efficiency	81,5 lm/W

### 24 008 K4

Module designation	2x LED-0813/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	3720 lm
Luminaire luminous flux	2369 lm
Luminaire luminous efficiency	87,1 lm/W

### Light distribution



### Service life · Ambient temperature

Rated temperature  $t_a = 25^\circ\text{C}$   
LED psu: > 50,000h  
LED module: 190,000h (L80B50)

Ambient temperature  $t_{a\text{max}} = 35^\circ\text{C}$  (100 %)  
LED psu: 50,000h  
LED module: 160,000h (L80B50)

Ambient temperature  $t_{a\text{max}} = 50^\circ\text{C}$  (85 %)  
LED psu: 50,000h  
LED module: > 50,000h (L70B50)

BEGA Thermal Control® protects temperature-sensitive luminaire components by temporarily limiting the nominal power at high temperatures.

### Inrush current

Inrush current: 5 A / 100  $\mu\text{s}$   
Maximum number of luminaires of this type per miniature circuit breaker:

B10A: 42 luminaires  
B16A: 68 luminaires  
C10A: 42 luminaires  
C16A: 68 luminaires

### Lighting technology

Half beam angle  $17^\circ$   
Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and interior lighting as well as luminaire data in EULUMDAT and IES format are available on our website [www.bega.com](http://www.bega.com).

### Article No. 24 008

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**