

**BEGA****24 034**

Wall luminaire



Project · Reference number

Date

## Product data sheet

### Application

LED wall luminaire with single-sided light output for illumination and design tasks in architecture. The luminaire can be installed with the light distribution opening upwards or downwards.

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
 Clear safety glass  
 Silicone gasket  
 Reflector made of pure anodised aluminium  
 Mounting plate with 2 fixing holes  $\varnothing$  5.3 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 176-276 V  
 DALI controllable  
 A basic isolation exists between power cable and control line  
 BEGA Thermal Control<sup>®</sup>  
 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: 2.0 kg

### Lamp

|                             |                                   |
|-----------------------------|-----------------------------------|
| Module connected wattage    | 12.1 W                            |
| Luminaire connected wattage | 14 W                              |
| Rated temperature           | $t_a = 25\text{ °C}$              |
| Ambient temperature         | $t_{a\text{ max}} = 40\text{ °C}$ |

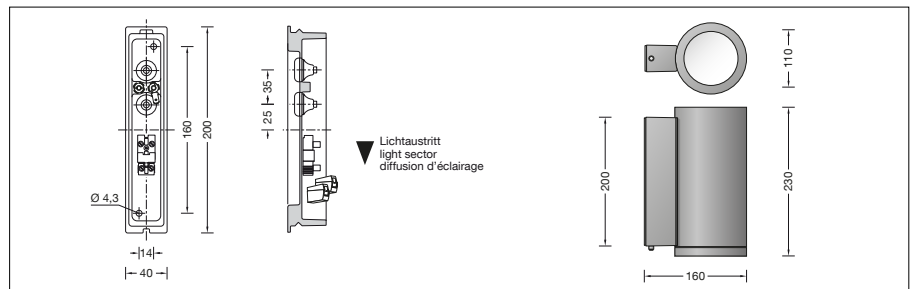
On request we can offer you modifications for environments with higher temperatures as a customized product.

### 24 034 K3

|                               |              |
|-------------------------------|--------------|
| Module designation            | LED-0813/830 |
| Colour temperature            | 3000 K       |
| Colour rendering index        | CRI > 80     |
| Module luminous flux          | 1740 lm      |
| Luminaire luminous flux       | 1106 lm      |
| Luminaire luminous efficiency | 79 lm/W      |

### 24 034 K4

|                               |              |
|-------------------------------|--------------|
| Module designation            | LED-0813/840 |
| Colour temperature            | 4000 K       |
| Colour rendering index        | CRI > 80     |
| Module luminous flux          | 1860 lm      |
| Luminaire luminous flux       | 1182 lm      |
| Luminaire luminous efficiency | 84,4 lm/W    |



### Service life · Ambient temperature

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

|   |                    |
|---|--------------------|
| Ambient temperature $t_{a\text{ max}} = 40\text{ °C}$ (100 %) |                    |
| LED psu:  | 50,000 h           |
| LED module:   | 140,000 h (L80B50) |

### 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).

### Inrush current

Inrush current: 21 A / 18.2  $\mu$ 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. 24 034

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**

### Light distribution

