

**BEGA****66 452**

Wall luminaire



Project · Reference number

Date

## Product data sheet

### Application

LED wall luminaire with asymmetrical light distribution for in-depth illumination of surfaces. The angle of attack of the luminaire is adjustable at 0° or 15° and thus can be aligned to the surface to be illuminated.

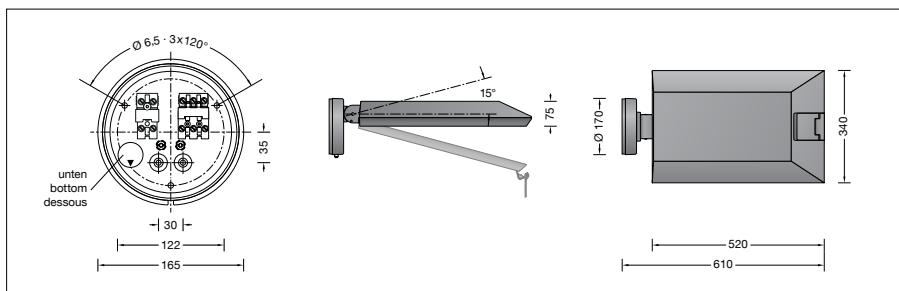
### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
 Safety glass, antireflection-coated  
 Silicone gasket  
 Reflector made of pure anodised aluminium  
 Adjustable joint for beam direction 0° or 15°  
 Toolless closure  
 Mounting plate with 3 fixing holes  $\varnothing$  6.6 mm  
 Angle 120° · Pitch circle  $\varnothing$  122 mm  
 2 cable entries for through-wiring of mains supply cable  $\varnothing$  7-10.5 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 176-264 V  
 During DC operation the LED power is reduced to 50 %  
 DALI controllable  
 A basic isolation exists between power cable and control line  
 Safety class I  
 Protection class IP 66  
 Dust-tight and protection against strong water jets  
 Impact strength IK08  
 Protection against mechanical impacts < 5 joule  
 – Safety mark  
 – Conformity mark  
 Wind catching area: 0.07 m<sup>2</sup>  
 Weight: 7.8 kg

### Lamp

|                             |                      |
|-----------------------------|----------------------|
| Module connected wattage    | 62 W                 |
| Luminaire connected wattage | 69.2 W               |
| Rated temperature           | $t_a = 25$ °C        |
| Ambient temperature         | $t_{a \max} = 40$ °C |

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



### 66 452 K4

|                               |                 |
|-------------------------------|-----------------|
| Module designation            | 4x LED-0561/840 |
| Colour temperature            | 4000 K          |
| Colour rendering index        | CRI > 80        |
| Module luminous flux          | 12380 lm        |
| Luminaire luminous flux       | 9916 lm         |
| Luminaire luminous efficiency | 143,3 lm/W      |

### 66 452 K3

|                               |                 |
|-------------------------------|-----------------|
| Module designation            | 4x LED-0561/830 |
| Colour temperature            | 3000 K          |
| Colour rendering index        | CRI > 80        |
| Module luminous flux          | 12040 lm        |
| Luminaire luminous flux       | 9804 lm         |
| Luminaire luminous efficiency | 141,7 lm/W      |

### Service life of the LED

Ambient temperature  $t_a = 25$  °C  
 – at > 500,000h: L70B50

max. ambient temperature  $t_a = 40$  °C  
 – at 272,000h: L70B50

### 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: 8 A / 100  $\mu$ s  
 Maximum number of luminaires of this type per miniature circuit breaker:  
 B10A: 13 luminaires  
 B16A: 22 luminaires  
 C10A: 13 luminaires  
 C16A: 22 luminaires

### Article No. 66 452

LED colour temperature optionally 4000 K or 3000 K  
 4000 K – Article number + **K4**  
 3000 K – Article number + **K3**

Colour graphite or silver  
 graphite – article number  
 silver – article number + **A**

### Light distribution

