

**BEGA****66 451**

Wall luminaire



Project · Reference number

Date

## Product data sheet

### Application

LED wall luminaire with asymmetrical light distribution.  
For lighting ceiling, wall and ground 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  
Toolless closure  
Adjustable joint for beam direction 0° or 15°  
Mounting plate with 2 fixing  
holes  $\varnothing$  5.5 mm · 85 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  
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  
**CE** – Conformity mark  
Wind catching area: 0.03 m<sup>2</sup>  
Weight: 4.2 kg

### Lamp

Module connected wattage 31.5 W  
Luminaire connected wattage 35 W  
Rated temperature  $t_a = 25$  °C  
Ambient temperature  $t_{a \max} = 35$  °C

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

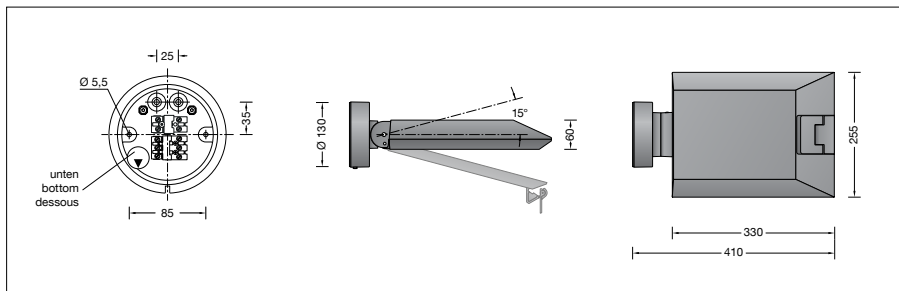
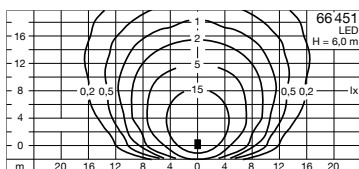
### 66 451 K4

Module designation LED-0559/840  
Colour temperature 4000 K  
Colour rendering index CRI > 80  
Module luminous flux 5850 lm  
Luminaire luminous flux 4853 lm  
Luminaire luminous efficiency 138,7 lm/W

### 66 451 K3

Module designation LED-0559/830  
Colour temperature 3000 K  
Colour rendering index CRI > 80  
Module luminous flux 5715 lm  
Luminaire luminous flux 4740 lm  
Luminaire luminous efficiency 135,4 lm/W

### Light distribution



### Lifetime of the LED

Ambient temperature  $t_a = 15$  °C  
– at 50,000h: L90B10  
– at > 500,000h: L70B50

Ambient temperature  $t_a = 25$  °C  
– at 50,000h: L90B10  
– at > 500,000h: L70B50

max. ambient temperature  $t_a = 35$  °C  
– at 50,000h: L90B10  
– at 340,000h: L70B50

### Inrush current

Inrush current: 5 A / 100  $\mu$ s  
Maximum number of luminaires of this  
type per miniature circuit breaker:  
B10A: 27 luminaires  
B16A: 44 luminaires  
C10A: 27 luminaires  
C16A: 44 luminaires

### 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).

### Article No. 66 451

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**