

**BEGA****66 453**

Wall luminaire



Project · Reference number

Date

## Product data sheet

### Application

LED wall luminaire with asymmetrical flat beam 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  
Reflector made of pure anodised aluminium  
Adjustable joint for beam direction 0° or 15°  
Toolless closure  
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. 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 66  
Dust-tight and protection against strong water jets  
Impact strength IK08  
Protection against mechanical impacts < 5 joule  
 – Safety mark  
 – Conformity mark  
Weight: 4.8 kg

### Lamp

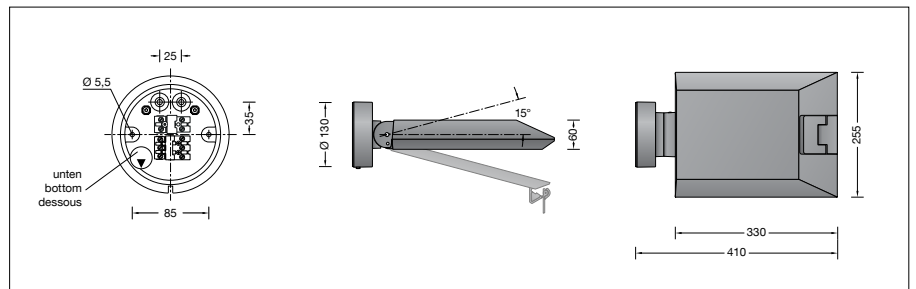
Module connected wattage	11.6 W
Luminaire connected wattage	14 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 55$ °C

### 66 453 K4

Module designation	2x LED-0410/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2320 lm
Luminaire luminous flux	1855 lm
Luminaire luminous efficiency	132,5 lm/W

### 66 453 K3

Module designation	2x LED-0410/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2250 lm
Luminaire luminous flux	1799 lm
Luminaire luminous efficiency	128,5 lm/W



### Service life · Ambient temperature

Rated temperature $t_a = 25$ °C	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50) 100,000 h (L 90 B 50)

Ambient temperature $t_{a \max} = 55$ °C (100 %)	
LED psu:	50,000 h
LED module:	179,000 h (L 80 B 50) 100,000 h (L 90 B 50)

### Inrush current

Inrush current: 12 A / 24.2  $\mu$ s  
Maximum number of luminaires of this type per miniature circuit breaker:

B 10 A:	50 luminaires
B 16 A:	50 luminaires
C 10 A:	50 luminaires
C 16 A:	50 luminaires

### Article No. 66 453

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 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).

### Light distribution

