

BEGA**66 455**

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
Silicone gasket
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. 5G1.5[□]
Connecting terminal 2.5[□]
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
Weight: 4.2 kg

Lamp

Module connected wattage	15.8 W
Luminaire connected wattage	18 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 60$ °C

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

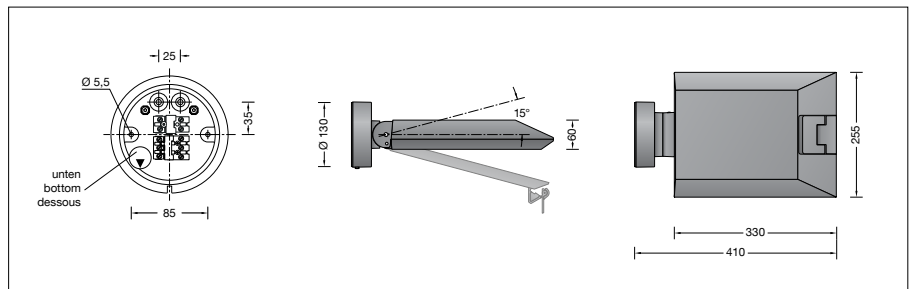
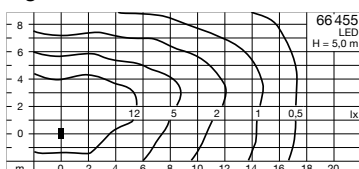
66 455 K4

Module designation	2x LED-0850/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2920 lm
Luminaire luminous flux	2308 lm
Luminaire luminous efficiency	128,2 lm/W

66 455 K3

Module designation	2x LED-0850/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2850 lm
Luminaire luminous flux	2201 lm
Luminaire luminous efficiency	122,3 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 $t_a = 60$ °C
– at 50,000h: L80B10
– at 188,000h: L70B50

Inrush current

Inrush current: 5 A / 100 μ 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.

Article No. 66 455

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**