

BEGA**24 051**

Wall luminaire



Project · Reference number


Date

Product data sheet

Application

LED wall luminaire with shielded light.
Light emission 180°.
The light is deflected by means of a conical reflector onto the surface to be illuminated.
The luminaire can be installed in any burning position.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
Borosilicate glass
Silicone gasket
Reflector made of pure anodised aluminium
Light emission 180°
2 mounting holes \varnothing 4,8 mm
Distance apart 100 mm
2 cable entries for through-wiring of mains
supply cable \varnothing 7-10,5 mm
Connection terminal 2.5²
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-280 V
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK03
Protection against mechanical
impacts < 0.35 joule
 – Safety mark
CE – Conformity mark
Weight: 0.95 kg

Inrush current

Inrush current: 20 A / 80 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A: 35 luminaires
B 16A: 56 luminaires
C 10A: 58 luminaires
C 16A: 94 luminaires

Lamp

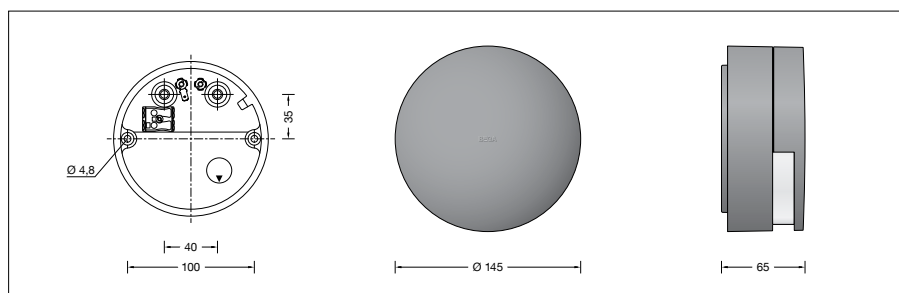
Module connected wattage	5.8 W
Luminaire connected wattage	7.4 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a, \max} = 50$ °C

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Module designation	LED-0789/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	885 lm
Luminaire luminous flux	263 lm
Luminaire luminous efficiency	35,5 lm/W

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Module designation	LED-0789/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	975 lm
Luminaire luminous flux	290 lm
Luminaire luminous efficiency	39,2 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 10)
Ambient temperature $t_{a, \max} = 50$ °C (100 %)	
LED psu:	50,000 h
LED module:	> 200,000 h (L 80 B 50) > 100,000 h (L 90 B 50)

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.

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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**