

BEGA**24 135**

Wall luminaire

IP 65

Project · Reference number

Date

Product data sheet**Application**

LED wall luminaire with two-sided light distribution opening.
Fully glare free light for lighting wall surfaces.
For interior or exterior lighting design.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
Clear safety glass
Silicone gasket
Reflector made of pure anodised aluminium
Mounting plate with
4 mounting holes \varnothing 4.5 mm
Distance apart 86 x 86 mm
2 cable entries for through-wiring of mains
supply cable \varnothing 7-10.5 mm, max. 5 G 1.5²
Connecting terminal 2.5²
with plug connection
Earth conductor connection
LED power supply unit
220-240 V \approx 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 65
Dust-tight and protection against water jets
Impact strength IK04
Protection against mechanical
impacts < 0.5 joule
CE – Conformity mark
Weight: 3.0 kg

Inrush current

Inrush current: 5 A / 100 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A: 27 luminaires
B 16A: 44 luminaires
C 10A: 27 luminaires
C 16A: 44 luminaires

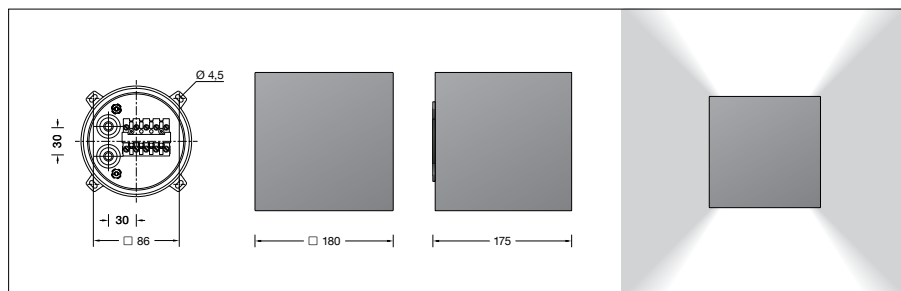
Lamp

Module connected wattage	33.6 W
Luminaire connected wattage	37.5 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 45$ °C

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

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Module designation	2x LED-0945/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	4460 lm
Luminaire luminous flux	2042 lm
Luminaire luminous efficiency	54,5 lm/W

**Service life of the LED**

Ambient temperature $t_a = 25$ °C
– at 431,000 h: L70 B50

max. ambient temperature $t_a = 45$ °C
– at 127,000 h: L70 B50

Ambient temperature $t_{a \max} = 50$ °C (60 %)
LED psu: 50,000 h
LED module: 50,000 h

BEGA Thermal Control® protects temperature-
sensitive luminaire components by
temporarily limiting the nominal power at high
temperatures.

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. 24 135

Colour optionally graphite, white or silver
Graphite – Article number
White – Article number + **W**
Silver – Article number + **A**

Light distribution