

BEGA**24 344**

Wall luminaire



Project · Reference number

Date

Product data sheet

Application

Shielded LED wall luminaire with high protection class.

A luminaire made of die cast aluminium and impact resistant crystal glass.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
Crystal glass, white inside
2 mounting holes \varnothing 4.5 mm
Distance apart 180 mm
2 cable entries for through-wiring of mains
supply cable \varnothing 7-12 mm
Connection terminal 2.5[□]
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-264 V
BEGA Thermal Switch®
Temporary thermal shutdown to protect
temperature-sensitive components
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK10
Protection against mechanical
impacts < 20 joule
 – Safety mark
CE – Conformity mark
Weight: 1.8 kg

Lamp

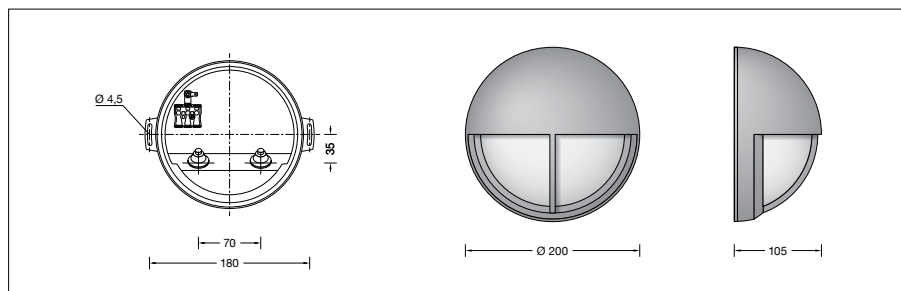
Module connected wattage 3.9 W
Luminaire connected wattage 5 W
Rated temperature $t_a = 25$ °C
Ambient temperature $t_{a \max} = 50$ °C

24 344 K3

Module designation LED-0799/830
Colour temperature 3000 K
Colour rendering index CRI > 80
Module luminous flux 610 lm
Luminaire luminous flux 277 lm
Luminaire luminous efficiency 55,4 lm/W

24 344 K4

Module designation LED-0799/840
Colour temperature 4000 K
Colour rendering index CRI > 80
Module luminous flux 610 lm
Luminaire luminous flux 277 lm
Luminaire luminous efficiency 55,4 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25$ °C
LED psu: > 50,000 h
LED module: > 200,000 h (L80 B50)
100,000 h (L90 B50)
Ambient temperature $t_{a \max} = 50$ °C (100 %)
LED psu: 50,000 h
LED module: 129,000 h (L80 B50)

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.

Inrush current

Inrush current: 7 A / 112 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A: 38 luminaires
B 16A: 61 luminaires
C 10A: 64 luminaires
C 16A: 102 luminaires

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LED colour temperature optionally 3000K
or 4000K
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**

Light distribution

