

BEGA**24 070**

Wall luminaire



Project · Reference number

Date

Product data sheet

Application

Shielded wall luminaire with high protection class.
A luminaire made of aluminium alloy and crystal glass.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
Colour graphite or silver
Crystal glass, white inside
2 mounting holes $\varnothing$ 6 mm
Distance apart 180 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 170-280 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 IK07
Protection against mechanical
impacts < 2 joule
 – Safety mark
 – Conformity mark
Weight: 3.2 kg
This product contains light sources of energy
efficiency class(es) C, D

Inrush current

Inrush current: 5 A / 50 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10 A: 31 luminaires
B 16 A: 50 luminaires
C 10 A: 52 luminaires
C 16 A: 85 luminaires

Lamp

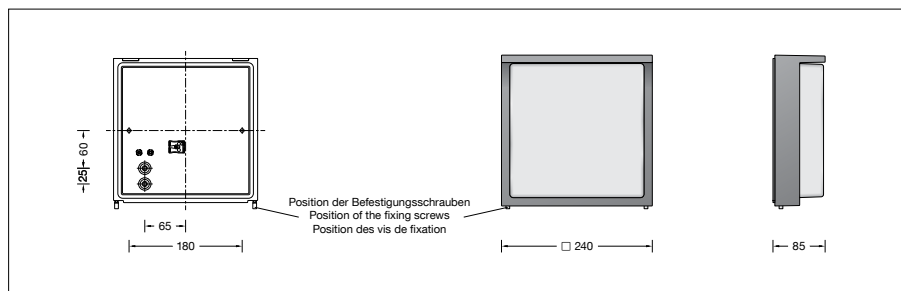
Module connected wattage	11.3 W
Luminaire connected wattage	13.5 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 50^\circ\text{C}$

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Module designation	LED-0841/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	1915 lm
Luminaire luminous flux	1014 lm
Luminaire luminous efficiency	75,1 lm/W

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Module designation	LED-0841/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	2030 lm
Luminaire luminous flux	1075 lm
Luminaire luminous efficiency	79,6 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$
LED psu: > 50,000 h
LED module: > 200,000 h (L 80 B 50)
100,000 h (L 90 B 50)

Ambient temperature max. $t_a = 50^\circ\text{C}$ (100 %)

LED psu: 50,000 h
LED module: > 200,000 h (L 80 B 50)
100,000 h (L 90 B 50)

Lighting technology

Luminaire data for the DIALux lighting design
program for outdoor lighting, street lighting
and indoor lighting, as well as luminaire data in
EULUMDAT and IES format are available on the
BEGA website at www.bega.com.

Ratio of luminous flux

Luminous flux upper half-space	45,8 %
Luminous flux lower half-space	54,2 %

BUG rating according to IES TM-15-07:
0-3-1

CEN Flux Code according to EN 13032-2:
18-44-72-54-100-12-37-67-46

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LED colour temperature optionally 3000 K
or 4000 K
3000 K – Article number + **K3**
4000 K – Article number + **K4**

Colour graphite or silver
graphite – article number
silver – article number + **A**

Light distribution

