

**BEGA****24 353**

Ceiling and wall luminaire



Project · Reference number

Date

## Product data sheet

### Application

Unshielded ceiling and 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  
Crystal glass, white inside  
2 mounting holes  $\varnothing$  4.2 mm  
Distance apart 175 mm  
2 screw cable glands with strain relief for through-wiring power connecting cable  $\varnothing$  7–12 mm  
1 screw cable gland closed at the factory with a dummy plug  
Connecting terminal and earth conductor terminal 2.5<sup>2</sup>  
BEGA Ultimate Driver®  
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 IK07  
Protection against mechanical impacts < 2 joule  
 – Safety mark  
 – Conformity mark  
 Weight: 1.1 kg  
 This product contains light sources of energy efficiency class(es) C, D

### Inrush current

Inrush current: 11.3 A / 112  $\mu$ s  
Maximum number of luminaires of this type per miniature circuit breaker:  
 B 10 A: 34 luminaires  
 B 16 A: 55 luminaires  
 C 10 A: 57 luminaires  
 C 16 A: 92 luminaires

### Lamp

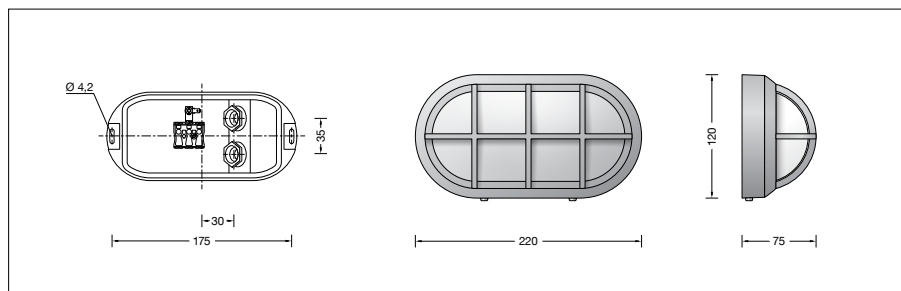
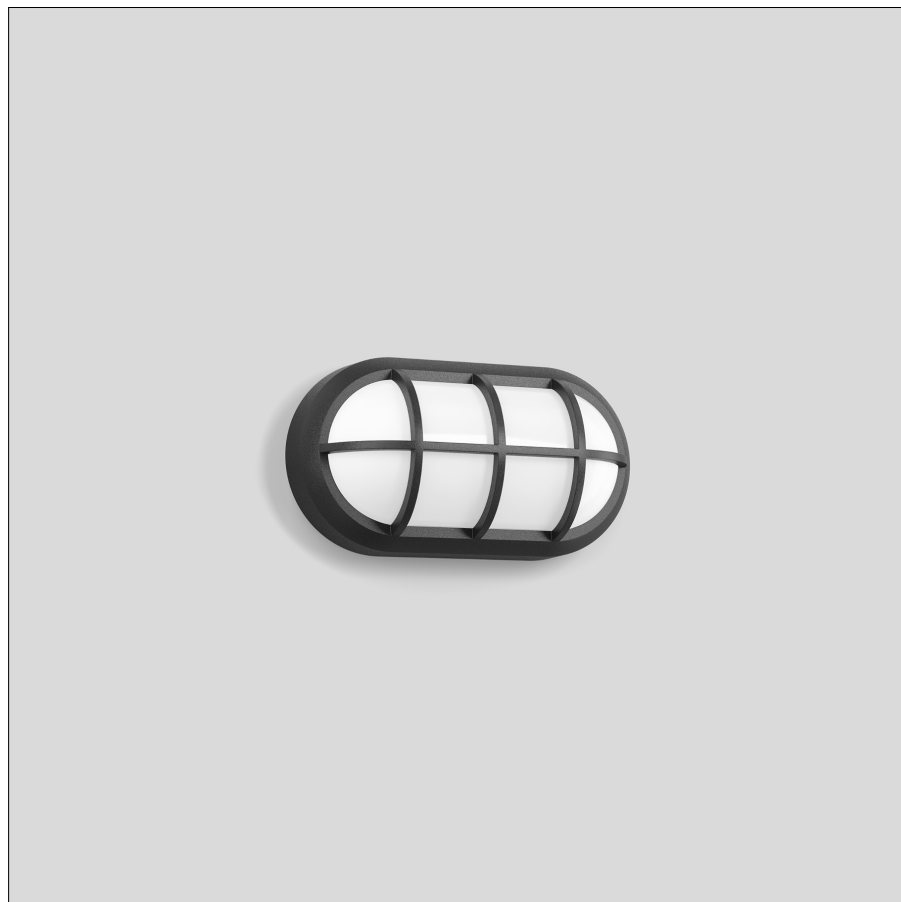
Module connected wattage 6 W  
Luminaire connected wattage 7.1 W  
Rated temperature  $t_a = 25$  °C  
Ambient temperature  $t_{a \max} = 50$  °C

### 24 353 K3

Module designation LED-1054/830  
Colour temperature 3000 K  
Colour rendering index CRI > 80  
Module luminous flux 995 lm  
Luminaire luminous flux 530 lm  
Luminaire luminous efficiency 74,6 lm/W

### 24 353 K4

Module designation LED-1054/840  
Colour temperature 4000 K  
Colour rendering index CRI > 80  
Module luminous flux 1045 lm  
Luminaire luminous flux 557 lm  
Luminaire luminous efficiency 78,5 lm/W



### Service life · Ambient temperature

Rated temperature  $t_a = 25$  °C  
LED psu: > 50,000 h  
LED module: 160,000 h (L 80 B 50)

Ambient temperature max.  $t_a = 50$  °C (100 %)  
LED psu: 50,000 h  
LED module: 120,000 h (L 80 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](http://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 graphite or silver  
graphite – article number  
silver – article number + **A**

### Ratio of luminous flux

Luminous flux upper half-space 9,7 %  
Luminous flux lower half-space 90,3 %

BUG rating according to IES TM-15-07:  
0–2–1  
CEN Flux Code according to EN 13032-2:  
40–68–87–90–100–0–5–33–10

### Light distribution

