

BEGA**24 040**

Ceiling and wall luminaire

IP 65

Project · Reference number

Date

Product data sheet**Application**

Unshielded LED ceiling and wall luminaire with high protection class.

For a variety of interior and exterior lighting applications.

Product description

Luminaire made of aluminium alloy and stainless steel

Opal glass

Silicone gasket

2 mounting holes \varnothing 5.5 mm

Distance apart 234 mm

2 cable entries for through-wiring of mains supply cable \varnothing 7-10.5 mm, max. 5G1.5[□]

Connecting terminal 2.5[□]

with plug connection

Earth conductor connection

LED power supply unit

220-240 V \sim 0/50-60 Hz

DC 176-280 V

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: 2.6 kg

Lamp

Module connected wattage 14.2 W

Luminaire connected wattage 16.7 W

Rated temperature $t_a = 25$ °C

Ambient temperature $t_{a \max} = 30$ °C

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

24 040 K3

Module designation LED-0917/830

Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 2160 lm

Luminaire luminous flux 1770 lm

Luminaire luminous efficiency 106 lm/W

24 040 K4

Module designation LED-0917/840

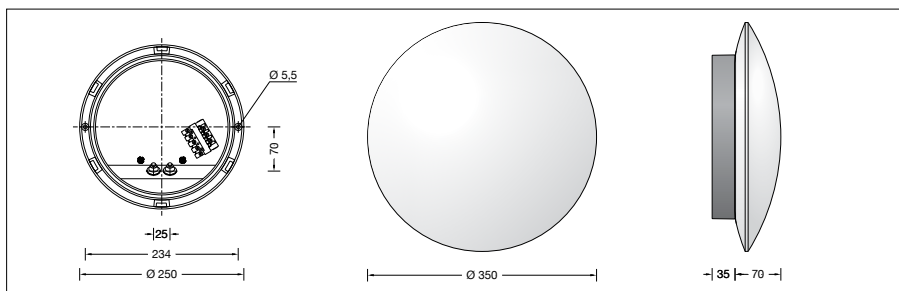
Colour temperature 4000 K

Colour rendering index CRI > 80

Module luminous flux 2160 lm

Luminaire luminous flux 1770 lm

Luminaire luminous efficiency 106 lm/W

**Service life · Ambient temperature**

Ambient temperature $t_a = 25$ °C

LED psu: > 50,000 h

LED module: 178,000 h (L80 B50)

100,000 h (L90 B50)

Ambient temperature $t_a = 30$ °C

LED psu: 50,000 h

LED module: 129,000 h (L80 B50)

100,000 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: 5 A / 50 μ s

Maximum number of luminaires of this type per miniature circuit breaker:

B 10A: 31 luminaires

B 16A: 50 luminaires

C 10A: 52 luminaires

C 16A: 85 luminaires

Article No. 24 040

LED colour temperature optionally 3000K or 4000K

3000 K – Article number + **K3**

4000 K – Article number + **K4**

Light distribution