

BEGA**33 640**

Ceiling and wall luminaire



Project · Reference number

Date

Product data sheet

Application

Ceiling and wall luminaire made of aluminium and hand-blown satin matt three-ply opal glass. For a variety of interior and exterior lighting applications.

Product description

Luminaire made of aluminium and stainless steel
 BEGA Unidure® coating technology
 Opal glass, satin matt, with screw neck
 Silicone gasket
 3 fixing holes \varnothing 5.5 mm
 Angle 120° · Pitch circle \varnothing 400 mm
 2 cable entries for through-wiring of mains
 supply cable \varnothing 7-10.5 mm, max. 5 G 1.5²
 Connection terminal 2.5²
 Earth conductor connection
 LED power supply unit
 220-240 V \sim 0/50-60 Hz
 DC 170-276 V
 DALI-controllable
 Basic insulation is provided between the mains
 and control cables
 BEGA Thermal Control®
 Temporary thermal regulation to protect
 temperature-sensitive components without
 switching off the luminaire
 Safety class I
 Protection class IP 64
 Dust-tight and protection against splash water
 Impact strength IK05
 Protection against mechanical
 impacts < 0.7 joule
 – Safety mark
 – Conformity mark
 Weight: 6.4 kg
 This product contains light sources of energy
 efficiency class(es) D

Lamp

Module connected wattage	42.6 W
Luminaire connected wattage	46.9 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 40^\circ\text{C}$

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

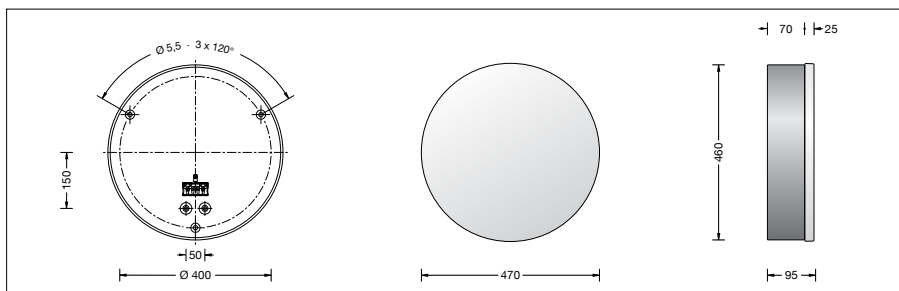
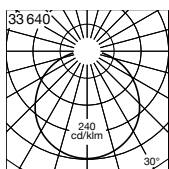
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Module designation	LED-0630/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	7375 lm
Luminaire luminous flux	3640 lm
Luminaire luminous efficiency	77,6 lm/W

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Module designation	LED-0630/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	7480 lm
Luminaire luminous flux	3692 lm
Luminaire luminous efficiency	78,7 lm/W

Light distribution



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$
 LED psu: > 50,000 h
 LED module: > 200,000 h (L80 B50)
 100,000 h (L90 B50)

Ambient temperature max. $t_a = 40^\circ\text{C}$ (100 %)

LED psu: 50,000 h
 LED module: 180,000 h (L80 B50)

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.

Inrush current

Inrush current: 10 A / 200 μs
 Maximum number of luminaires of this
 type per miniature circuit breaker:

B 10 A:	18 luminaires
B 16 A:	30 luminaires
C 10 A:	31 luminaires
C 16 A:	51 luminaires

Ratio of luminous flux

Luminous flux upper half-space	5,6 %
Luminous flux lower half-space	94,4 %

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

CEN Flux Code according to EN 13032-2:
 44–75–94–94–100–16–41–70–6

Article No. 33 640

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**