

BEGA**24 730**

Ceiling and wall luminaire



Project · Reference number

Date

Product data sheet

Application

Ceiling and wall luminaire with impact-resistant cover made of synthetic material.
Large-area luminaire with a very high light output and uniform light distribution.
The used LED technique offers durability and optimal light output with low power consumption at the same time.

Product description

Luminaire made of aluminium and stainless steel
BEGA Unidure® coating technology
Colour white
White synthetic diffuser
Silicone gasket
Mounting plate with 4 fixing holes \varnothing 9.5 mm
Pitch circle \varnothing 800 mm
2 cable entries for through-wiring of mains supply cable \varnothing 7-10.5 mm, max. 5 G 1.5[□]
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
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 65
Dust-tight and protection against water jets
Impact strength IK10
Protection against mechanical impacts < 20 joule
 – Safety mark
 – Conformity mark
Weight: 19.8 kg

Lamp

Module connected wattage	92.4 W
Luminaire connected wattage	102 W
Rated temperature	$t_a = 25 \text{ }^\circ\text{C}$
Ambient temperature	$t_{a \text{ max}} = 40 \text{ }^\circ\text{C}$

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

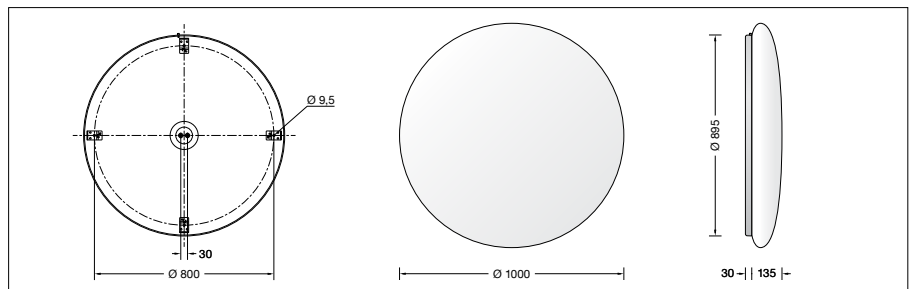
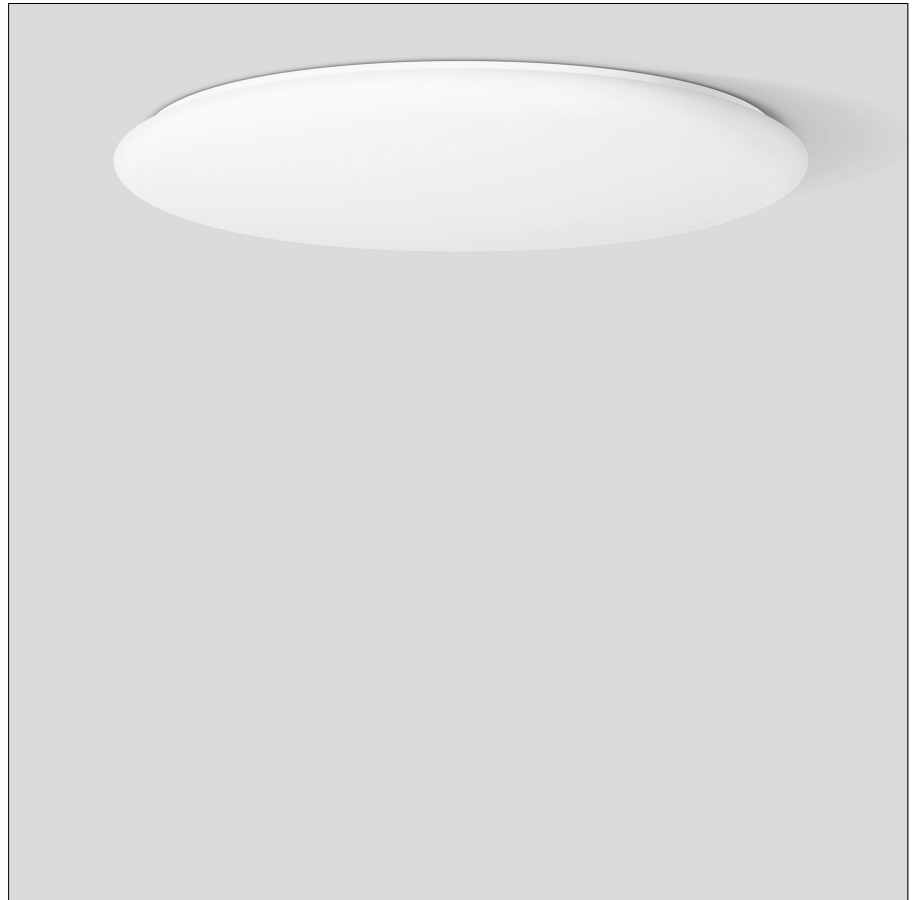
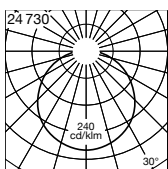
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Module designation	4x LED-0704/930
Colour temperature	3000 K
Colour rendering index	CRI > 90
Module luminous flux	14960 lm
Luminaire luminous flux	12365 lm
Luminaire luminous efficiency	121,2 lm/W

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Module designation	4x LED-0704/940
Colour temperature	4000 K
Colour rendering index	CRI > 90
Module luminous flux	15420 lm
Luminaire luminous flux	12745 lm
Luminaire luminous efficiency	125 lm/W

Light distribution



Service life · Ambient temperature

Rated temperature $t_a = 25 \text{ }^\circ\text{C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50)
	100,000 h (L 90 B 50)
Ambient temperature max. $t_a = 40 \text{ }^\circ\text{C}$ (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.

Inrush current

Inrush current: 50 A / 209 μs
Maximum number of luminaires of this type per miniature circuit breaker:
B 10 A: 6 luminaires
B 16 A: 10 luminaires
C 10 A: 10 luminaires
C 16 A: 16 luminaires

Ratio of luminous flux

Luminous flux upper half-space	9,6 %
Luminous flux lower half-space	90,4 %

BUG rating according to IES TM-15-07:
3-4-3

CEN Flux Code according to EN 13032-2:
44-75-93-90-100-31-55-75-10

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