

BEGA**24 730**

Ceiling and wall luminaire



Project · Reference number

Date

Product data sheet

Application

LED 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
 A basic isolation exists between power cable and control line
 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
 CE – 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.

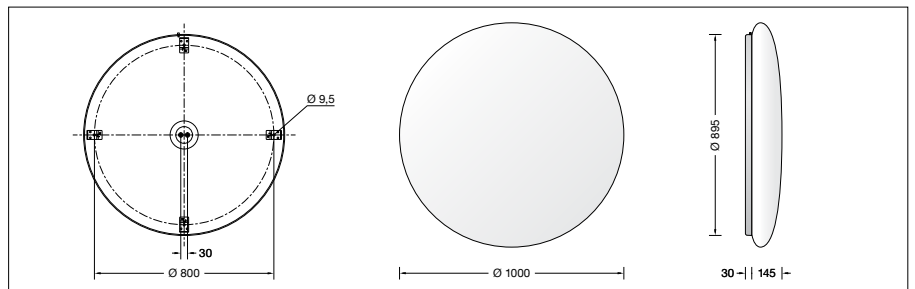
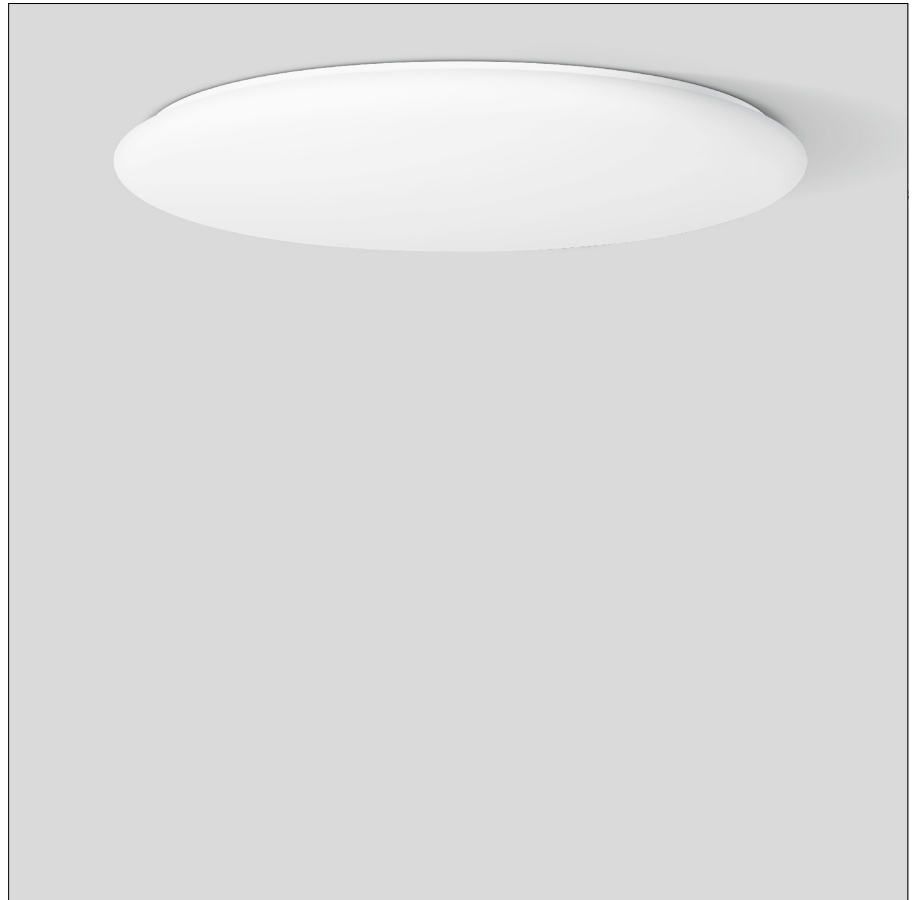
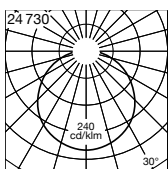
24 730 K3

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

24 730 K4

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 $t_{a \text{ max}} = 40 \text{ }^\circ\text{C}$ (100 %)
 LED psu: 50,000 h
 LED module: > 200,000 h (L 80 B 50)
 100,000 h (L 90 B 50)

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: 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

Article No. 24 730

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