

**BEGA****24 175**

Ceiling and wall luminaire

IP 65

Project · Reference number

Date

**Product data sheet****Application**

Unshielded LED ceiling and wall luminaire with high protection class.

A luminaire made of die cast aluminium and with an impact resistant crystal glass.

**Product description**

Luminaire made of aluminium alloy,  
aluminium and stainless steel  
Crystal glass, white inside  
2 mounting holes  $\varnothing$  4.5 mm  
Distance apart 236 mm  
2 screw cable glands with strain relief  
for through-wiring of the mains supply cable  
from  $\varnothing$  7-12 mm  
1 screw cable gland closed at the factory with  
a dummy plug  
Connection terminal 2.5<sup>□</sup>  
Earth conductor connection  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 176-280 V  
Safety class I  
Protection class IP 65  
Dust-tight and protection against water jets  
Impact strength IK10  
Protection against mechanical  
impacts < 20 joule  
**CE** – Conformity mark  
Weight: 2.5 kg

**Lamp**

Module connected wattage	12.9 W
Luminaire connected wattage	15 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 30^\circ\text{C}$

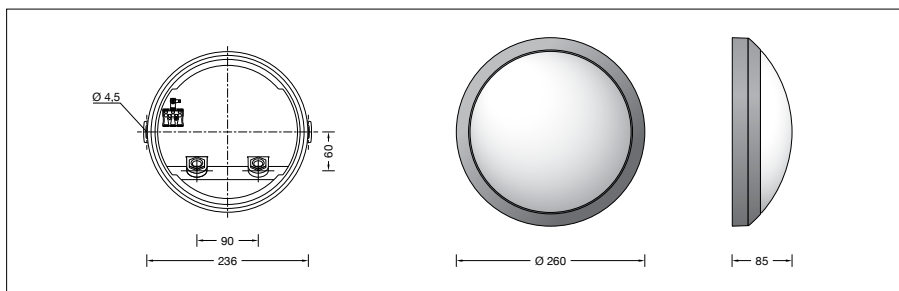
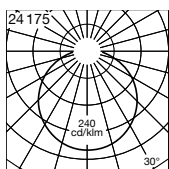
On request we can offer you modifications for environments with higher temperatures as a customized product.

**24 175 K3**

Module designation	LED-0985/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2155 lm
Luminaire luminous flux	1450 lm
Luminaire luminous efficiency	96,7 lm/W

**24 175 K4**

Module designation	LED-0985/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2265 lm
Luminaire luminous flux	1524 lm
Luminaire luminous efficiency	101,6 lm/W

**Light distribution****Service life · Ambient temperature**

Rated temperature $t_a = 25^\circ\text{C}$	
LED psu:	> 50,000 h
LED module:	170,000 h (L80 B50)
Ambient temperature $t_{a\text{max}} = 30^\circ\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	150,000 h (L80 B50)

**Inrush current**

Inrush current: 5 A / 50  $\mu\text{s}$   
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. 24 175**

LED colour temperature optionally 3000K or 4000K  
3000 K – Article number + **K3**  
4000 K – Article number + **K4**  
Colour graphite or silver  
graphite – article number  
silver – article number + **A**

**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](http://www.bega.com).