

Project · Reference number

Date

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

Cast aluminium ceiling and wall luminaire with exceptionally high luminous efficiency. In combination with a reflector unit, the composite lens system delivers maximum transmission values and optimal visual comfort.

**Product description**

Luminaire made of aluminium alloy, aluminium and stainless steel  
BEGA Unidure® coating technology  
Safety glass with optical structure  
Reflector made of pure anodised aluminium  
Silicone gasket  
2 mounting holes  $\varnothing$  7 mm  
Distance apart 260 mm  
2 screw cable glands with strain relief for through-wiring power connecting cable  $\varnothing$  7-12 mm  
1 screw cable gland closed at the factory with a dummy plug  
Connection terminal 2.5<sup>□</sup>  
Earth conductor connection  
BEGA Ultimate Driver®  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 176-264 V  
DALI-controllable  
Number of DALI addresses: 1  
Basic insulation is provided between the mains and control cables  
Safety class I  
Protection class IP 65  
Dust-tight and protection against water jets  
Impact strength IK06  
Protection against mechanical impacts < 1 joule  
 – Safety mark  
 – Conformity mark  
Weight: 4.0 kg  
This product contains light sources of energy efficiency class(es) C

**Lamp**

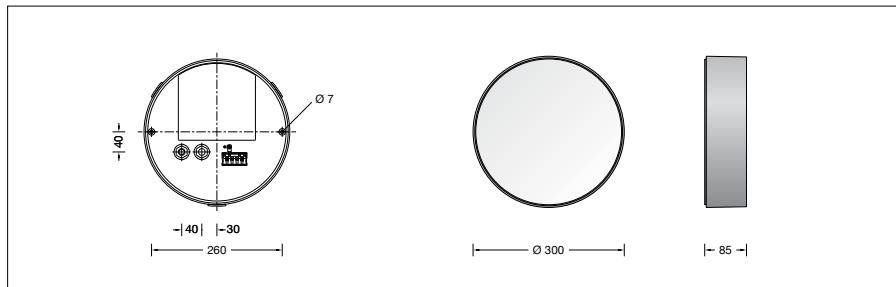
Module connected wattage	27.1 W
Luminaire connected wattage	29.5 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\ max} = 55^\circ\text{C}$

**24 648 K3**

Module designation	LED-1232/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	4785 lm
Luminaire luminous flux	3888 lm
Luminaire luminous efficiency	131,8 lm/W

**24 648 K4**

Module designation	LED-1232/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	5030 lm
Luminaire luminous flux	4087 lm
Luminaire luminous efficiency	138,5 lm/W

**Service life · Ambient temperature**

Rated temperature  $t_a = 25^\circ\text{C}$   
LED psu: > 50,000 h  
LED module: 155,000 h (L80 B50)  
  
Ambient temperature max.  $t_a = 55^\circ\text{C}$  (100 %)  
LED psu: 50,000 h  
LED module: 105,000 h (L80 B50)

**Inrush current**

Inrush current: 5 A / 100  $\mu$ s  
Maximum number of luminaires of this type per miniature circuit breaker:  
B10A: 28 luminaires  
B16A: 45 luminaires  
C10A: 28 luminaires  
C16A: 48 luminaires

**Article No. 24 648**

LED colour temperature optionally 3000 K or 4000 K  
3000 K – Article number + **K3**  
4000 K – Article number + **K4**  
Colour optionally graphite or white  
Graphite – Article number  
White – Article number + **W**

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