

**BEGA****24 080**

Ceiling and wall luminaire



Project · Reference number

Date



## Product data sheet

### Application

Impact resistant LED ceiling and wall luminaire for a variety of lighting tasks.

A luminaire made of die cast aluminium and impact resistant synthetic diffuser made of polycarbonate.

### Product description

Luminaire made of aluminium alloy, aluminium and stainless steel  
 BEGA Unidure® coating technology  
 Polycarbonate synthetic diffuser with optical structure  
 Silicone gasket  
 2 mounting holes  $\varnothing$  5.3 mm  
 Distance apart 260 mm  
 2 cable entries for through-wiring of mains supply cable  $\varnothing$  7-10.5 mm, max. 5G1.5<sup>□</sup>  
 Connection terminal 2.5<sup>□</sup>  
 Earth conductor connection  
 LED power supply unit  
 220-240 V  $\sphericalangle$  0/50-60 Hz  
 DC 170-280 V  
 DALI controllable  
 A basic isolation exists between power cable and control line  
 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: 3.3 kg

### Lamp

Module connected wattage	26.9 W
Luminaire connected wattage	30.5 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 40\text{ °C}$

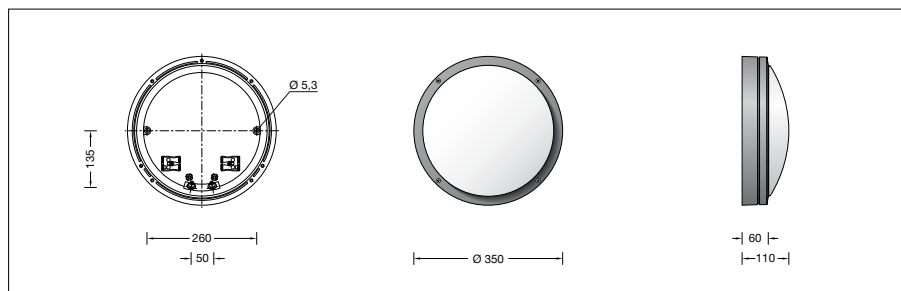
On request we can offer you modifications for environments with higher temperatures as a customized product.

### 24 080 K3

Module designation	LED-0510/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	3725 lm
Luminaire luminous flux	2250 lm
Luminaire luminous efficiency	73,8 lm/W

### 24 080 K4

Module designation	LED-0510/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	3725 lm
Luminaire luminous flux	2250 lm
Luminaire luminous efficiency	73,8 lm/W



### Service life of the LED

Ambient temperature  $t_a = 25\text{ °C}$   
 – at 212,000h: L70B50

max. ambient temperature  $t_a = 40\text{ °C}$   
 – at 89,000h: L70B50

### 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).

### Inrush current

Inrush current: 5 A / 50  $\mu$ 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. 24 080

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**