

**BEGA****24 178**

Wall luminaire

IP 65

Project · Reference number

Date

**Product data sheet****Product description**

Luminaire made of aluminium alloy,  
aluminium and stainless steel  
Safety glass  
Optical silicone lens  
Light sector  $2 \times 90^\circ$   
Mounting plate with  
4 mounting holes  $\varnothing 4.5$  mm  
Distance apart  $86 \times 86$  mm  
2 cable entries for through-wiring of mains  
supply cable  $\varnothing 7-12$  mm,  
max.  $5G1.5^\square$   
Connecting terminal  $2.5^\square$   
with plug connection  
Earth conductor connection  
LED power supply unit  
 $220-240\text{ V } \sim 0/50-60\text{ Hz}$   
DC  $176-276\text{ V}$   
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 IK05  
Protection against mechanical  
impacts  $< 0.7$  joule  
**CE** – Conformity mark  
Weight: 1.6 kg

**Inrush current**

Inrush current:  $4\text{ A} / 30\ \mu\text{s}$   
Maximum number of luminaires of this  
type per miniature circuit breaker:  
B10A: 50 luminaires  
B16A: 50 luminaires  
C10A: 50 luminaires  
C16A: 50 luminaires

**Lamp**

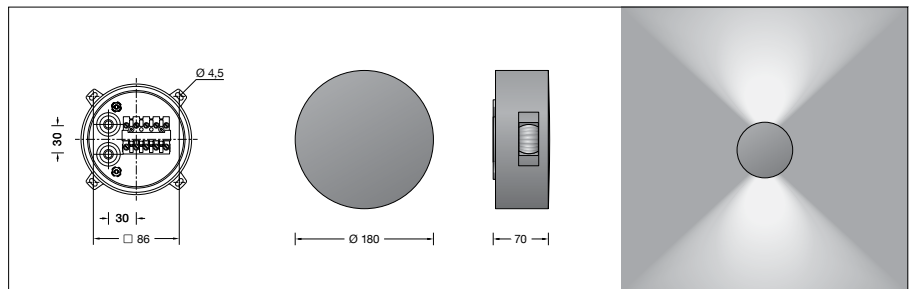
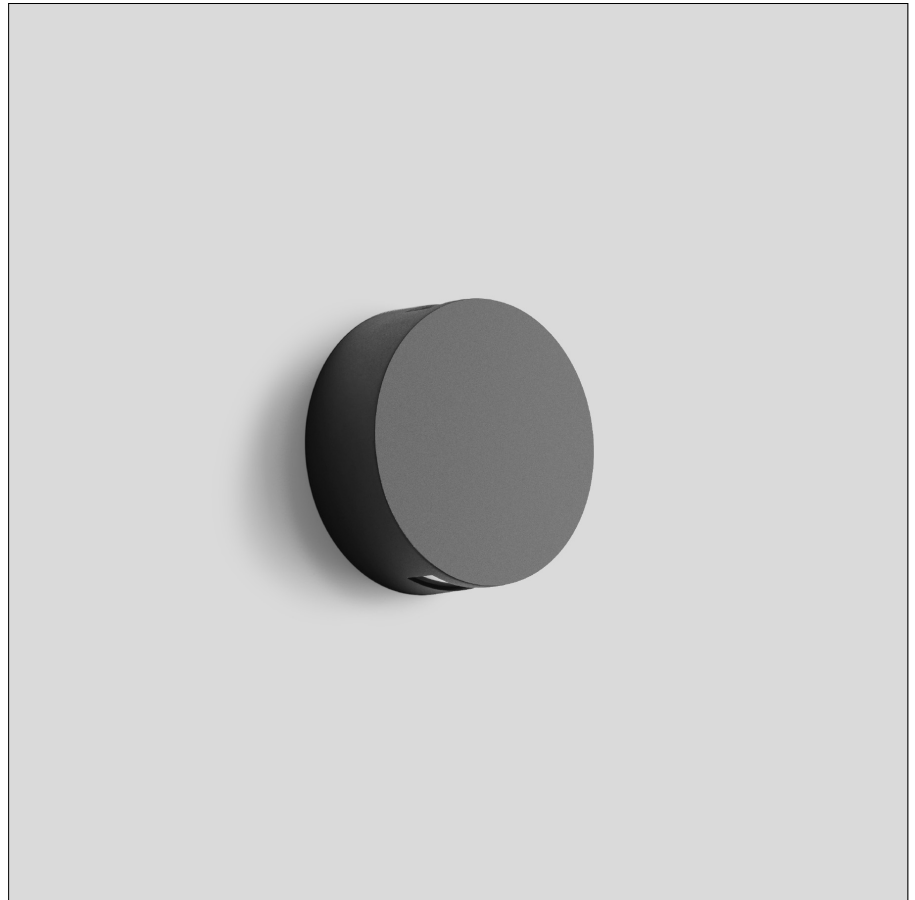
Module connected wattage	10 W
Luminaire connected wattage	11.5 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 50^\circ\text{C}$

**24 178 K3**

Module designation	2x LED-0887/830
Colour temperature	3000 K
Colour rendering index	CRI $> 80$
Module luminous flux	1460 lm
Luminaire luminous flux	380 lm
Luminaire luminous efficiency	33 lm/W

**24 178 K4**

Module designation	2x LED-0887/840
Colour temperature	4000 K
Colour rendering index	CRI $> 80$
Module luminous flux	1550 lm
Luminaire luminous flux	403 lm
Luminaire luminous efficiency	35 lm/W

**Service life · Ambient temperature**

Rated temperature $t_a = 25^\circ\text{C}$	
LED psu:	$> 50,000\text{ h}$
LED module:	$> 200,000\text{ h}$ (L80B50) $100,000\text{ h}$ (L90B50)

Ambient temperature $t_{a\text{ max}} = 50^\circ\text{C}$ (100 %)	
LED psu:	$50,000\text{ h}$
LED module:	$160,000\text{ h}$ (L80B50) $100,000\text{ h}$ (L90B50)

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

Colour optionally graphite, white or silver  
Graphite – Article number  
White – Article number + **W**  
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).

**Light distribution**