

**BEGA****24 502**

Wall luminaire

IP 64

Project · Reference number

Date

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

Wall luminaire with directed light.

**Product description**

Luminaire made of aluminium alloy,  
aluminium and stainless steel  
BEGA Unidure® coating technology  
Clear safety glass  
Silicone gasket  
Reflector made of pure anodised aluminium  
2 mounting holes  $\varnothing$  4.5 mm  
Distance apart 85 mm  
2 cable entries for through-wiring of mains  
supply cable  $\varnothing$  7-10.5 mm, max. 5 G 1.5<sup>□</sup>  
Connection terminal 2.5<sup>□</sup>  
Earth conductor connection  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 176-276 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 64  
Dust-tight and protection against splash water  
Impact strength IK06  
Protection against mechanical  
impacts < 1 joule  
**CE** – Conformity mark  
Weight: 1.0 kg

**Lamp**

Module connected wattage	14 W
Luminaire connected wattage	17 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 40^\circ\text{C}$

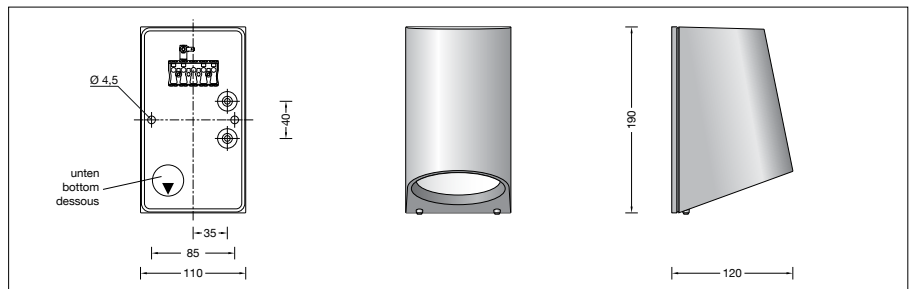
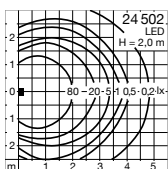
On request we can offer you modifications for  
environments with higher temperatures as a  
customized product.

**24 502 K3**

Module designation	LED-0736/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2030 lm
Luminaire luminous flux	1216 lm
Luminaire luminous efficiency	71,5 lm/W

**24 502 K4**

Module designation	LED-0736/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2170 lm
Luminaire luminous flux	1300 lm
Luminaire luminous efficiency	76,5 lm/W

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

Rated temperature  $t_a = 25^\circ\text{C}$   
LED psu: > 50,000 h  
LED module: 175,000 h (L80 B50)

Ambient temperature  $t_{a\text{ max}} = 40^\circ\text{C}$  (100 %)  
LED psu: 50,000 h  
LED module: 130,000 h (L80 B50)

**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: 12 A / 24.2  $\mu\text{s}$   
Maximum number of luminaires of this  
type per miniature circuit breaker:  
B 10 A: 50 luminaires  
B 16 A: 50 luminaires  
C 10 A: 50 luminaires  
C 16 A: 50 luminaires

**Article No. 24 502**

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**