

**BEGA****24 582**

Wall luminaire

IP 64

Project · Reference number

Date

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

LED wall luminaire with single sided light output.  
Fully glare free light for lighting wall surfaces.  
For interior or exterior lighting design.

**Product description**

Luminaire made of aluminium alloy,  
aluminium and stainless steel  
Clear safety glass  
Silicone gasket  
Reflector made of pure anodised aluminium  
2 mounting holes  $\varnothing$  6 mm  
Distance apart 125 mm  
2 cable entries for through-wiring of mains  
supply cable  $\varnothing$  7-10.5 mm, max. 5G1.5<sup>□</sup>  
Connecting terminal 2.5<sup>□</sup>  
with plug connection  
Earth conductor connection  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 170-280 V  
DALI controllable  
A basic isolation exists between power cable  
and control line  
BEGA Thermal Switch<sup>®</sup>  
Temporary thermal shutdown to protect  
temperature-sensitive components  
Safety class I  
Protection class IP 64  
Dust-tight and protection against splash water  
Impact strength IK07  
Protection against mechanical  
impacts < 2 joule  
**CE** – Conformity mark  
Weight: 3.2 kg

**Lamp**

Module connected wattage	16.5 W
Luminaire connected wattage	20 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 35$ °C

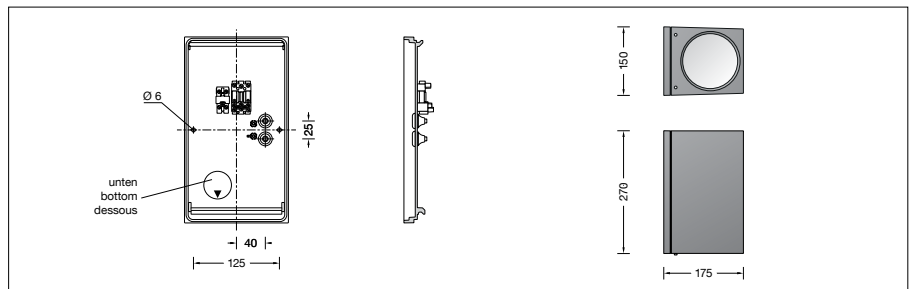
On request we can offer you modifications for  
environments with higher temperatures as a  
customized product.

**24 582 K3**

Module designation	LED-0683/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2100 lm
Luminaire luminous flux	1581 lm
Luminaire luminous efficiency	79 lm/W

**24 582 K4**

Module designation	LED-0683/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2210 lm
Luminaire luminous flux	1664 lm
Luminaire luminous efficiency	83,2 lm/W

**Service life · Ambient temperature**

Rated temperature  $t_a = 25$  °C  
LED psu: > 50,000h  
LED module: 185,000h (L80B50)

Ambient temperature  $t_{a \max} = 35$  °C (100 %)  
LED psu: 50,000h  
LED module: 150,000h (L80B50)

**Lighting technology**

Half beam angle 16°  
Luminaire data for the light planning program  
DIALux for outdoor lighting, street lighting and  
interior lighting as well as luminaire data in  
EULUMDAT and IES format are available on our  
website [www.bega.com](http://www.bega.com).

**Inrush current**

Inrush current: 10 A / 200  $\mu$ s  
Maximum number of luminaires of this  
type per miniature circuit breaker:

B10A: 18 luminaires  
B16A: 30 luminaires  
C10A: 31 luminaires  
C16A: 51 luminaires

**Article No. 24 582**

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 distribution**