

**BEGA****24 614**

Wall luminaire



Project · Reference number

Date

## Product data sheet

### Application

Wall luminaire with two-sided light output.  
For illumination and design tasks in architecture.  
The light directed downwards is intended to illuminate the wall and the horizontal surface in front of it.  
The light directed upwards is intended to illuminate the wall and ceiling surfaces.

### Product description

Luminaire made of aluminium alloy,  
aluminium and stainless steel  
BEGA Unidure® coating technology  
Matt safety glass  
Reflector surface made of pure aluminium  
Mounting plate with 2 fixing  
holes  $\varnothing$  4.5 mm · 38 x 110 mm spacing  
2 cable entries for through-wiring of mains  
supply cable  $\varnothing$  7-10.5 mm  
Connecting terminal 2.5<sup>2</sup>  
with plug connection  
Earth conductor connection  
BEGA Ultimate Driver®  
LED power supply unit  
220-240 V  $\sim$  0/50-60 Hz  
DC 176-264 V  
BEGA Thermal Switch®  
Temporary thermal shutdown to protect  
temperature-sensitive components  
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: 1.2 kg  
This product contains light sources of energy  
efficiency class(es) C, D

### Lamp

Module connected wattage	7.8 W
Luminaire connected wattage	9 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 45^\circ\text{C}$

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

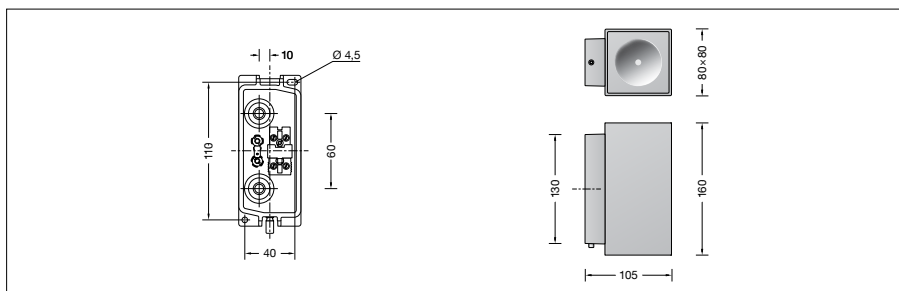
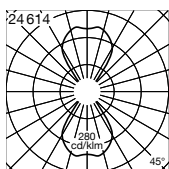
### 24 614 K3

Module designation	2x LED-1029/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1290 lm
Luminaire luminous flux	973 lm
Luminaire luminous efficiency	108,1 lm/W

### 24 614 K4

Module designation	2x LED-1029/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	1370 lm
Luminaire luminous flux	1033 lm
Luminaire luminous efficiency	114,8 lm/W

### Light distribution



### Service life · Ambient temperature

Rated temperature  $t_a = 25^\circ\text{C}$   
LED psu: > 50,000 h  
LED module: > 200,000 h (L 80 B 50)  
100,000 h (L 90 B 50)

Ambient temperature max.  $t_a = 45^\circ\text{C}$  (100 %)  
LED psu: 50,000 h  
LED module: 200,000 h (L 80 B 50)

### Lighting technology

Wall luminaire with broad spread light distribution.  
Half beam angle of the light distribution in both  
half spaces  $70^\circ$ .  
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 are available on the  
BEGA website at [www.bega.com](http://www.bega.com).

### Inrush current

Inrush current: 11,3 A / 112  $\mu\text{s}$   
Maximum number of luminaires of this  
type per miniature circuit breaker:  
B 10 A: 34 luminaires  
B 16 A: 55 luminaires  
C 10 A: 57 luminaires  
C 16 A: 92 luminaires

### Ratio of luminous flux

Luminous flux upper half-space	50 %
Luminous flux lower half-space	50 %

BUG rating according to IES TM-15-07:  
1-3-0

CEN Flux Code according to EN 13032-2:  
88-99-100-50-100-88-99-100-50

### Article No. 24 614

LED colour temperature optionally 3000 K  
or 4000 K  
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**