

BEGA**24 518**

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 2.5²
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 IK07
Protection against mechanical
impacts < 2 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.

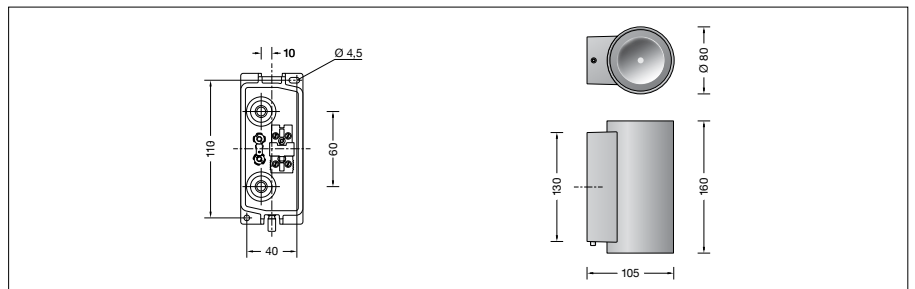
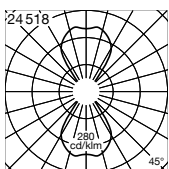
24 518 K3

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

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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 (L80B50)
	100,000 h (L90B50)

Ambient temperature max. $t_a = 45^\circ\text{C}$ (100 %)

LED psu:	50,000 h
LED module:	200,000 h (L80B50)

Lighting technology

Wall luminaire with broad spread light distribution.
Half beam angle of the light distribution in both
half spaces 70° .
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.

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

Inrush current

Inrush current: 11.3 A / 112 μs
Maximum number of luminaires of this
type per miniature circuit breaker:

B 10A:	34 luminaires
B 16A:	55 luminaires
C 10A:	57 luminaires
C 16A:	92 luminaires

Article No. 24 518

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**