

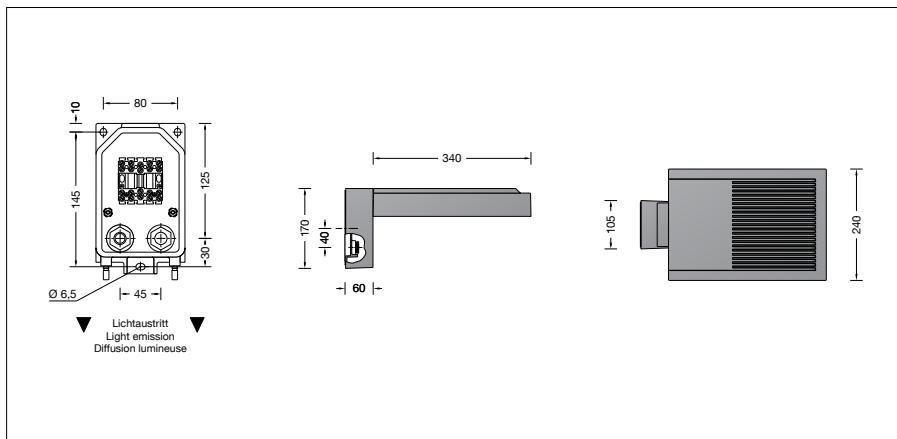
BEGA**24 488**

Wall luminaire



Project · Reference number

Date



Product data sheet

Product description

Luminaire made of aluminium alloy, aluminium and stainless steel
 BEGA Unidure® coating technology
 Safety glass, antireflection-coated
 Silicone gasket
 Reflector surface made of pure aluminium
 Mounting plate with 3 elongated holes,
 Width 6.5 mm · 80 x 145 mm spacing
 2 screw cable glands with strain relief
 for through-wiring power connecting cable
 ø 7–12 mm
 1 screw cable gland closed at the factory with
 a dummy plug
 Connecting terminal 2.5[□]
 with plug connection
 Earth conductor connection
 BEGA Ultimate Driver®
 Complies with flicker requirements in
 accordance with IEEE 1789,
 DIN IEC/TR 63158, DIN IEC/TR 61547-1
 LED power supply unit
 220–240 V ~ 0/50–60 Hz
 DC 176–276 V
 DALI-controllable
 Number of DALI addresses: 1
 Basic insulation is provided between the mains
 and control cables
 BEGA Thermal Control®
 Temporary thermal regulation to protect
 temperature-sensitive components without
 switching off the luminaire
 Safety class I
 Protection class IP 66
 Dust-tight and protection against strong water
 jets
 Impact strength IK07
 Protection against mechanical
 impacts < 2 joule
 – Safety mark
 – Conformity mark
 Weight: 4.8 kg
 This product contains light sources of energy
 efficiency class(es) C

Application

Wall luminaire with asymmetrical light distribution.
 For lighting wall and ground surfaces.

Lamp

Module connected wattage	15.8 W
Luminaire connected wattage	18.8 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 50\text{ °C}$

24 488 K3

Module designation	LED-1081/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	3010 lm
Luminaire luminous flux	2576 lm
Luminaire luminous efficiency	137 lm/W

24 488 K4

Module designation	LED-1081/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	3095 lm
Luminaire luminous flux	2649 lm
Luminaire luminous efficiency	140,9 lm/W

Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L80 B50)
	100,000 h (L90 B50)

Ambient temperature max. $t_a = 50\text{ °C}$ (100 %)

LED psu:	50,000 h
LED module:	> 200,000 h (L80 B50)
	100,000 h (L90 B50)

Ratio of luminous flux

Luminous flux upper half-space	0 %
Luminous flux lower half-space	100 %

BUG rating according to IES TM-15-07:

1–0–1

CEN Flux Code according to EN 13032-2:

35–72–95–100–100

Inrush current

Inrush current: 1.2 A / 46 μ s

Maximum number of luminaires of this
 type per miniature circuit breaker:

B 10 A: 50 luminaires

B 16 A: 80 luminaires

C 10 A: 50 luminaires

C 16 A: 80 luminaires

Lighting technology

Luminaire data for the DIALux lighting design
 program 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.

Article No. 24 488

LED colour temperature optionally 3000 K
 or 4000 K

3000 K – Article number + **K3**

4000 K – Article number + **K4**

Light distribution

