

BEGA**22 280**

Wall luminaire



Project · Reference number

Date

Product data sheet

Application

Wall luminaire for orientating lighting tasks.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
Matt safety glass
Silicone gasket
2 mounting holes \varnothing 4.5 mm
Distance apart 130 mm
1 cable entry for mains supply cable
up to \varnothing 10,5 mm
Connection terminal 2.5²
Earth conductor connection
BEGA Ultimate Driver®
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-264 V
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK05
Protection against mechanical
impacts < 0.7 joule
 – Safety mark
CE – Conformity mark
Weight: 0.6 kg

Inrush current

Inrush current: 7 A / 102 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A: 60 luminaires
B 16A: 96 luminaires
C 10A: 100 luminaires
C 16A: 161 luminaires

Lamp

Module connected wattage	1.9 W
Luminaire connected wattage	2.7 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{max}} = 60^\circ\text{C}$

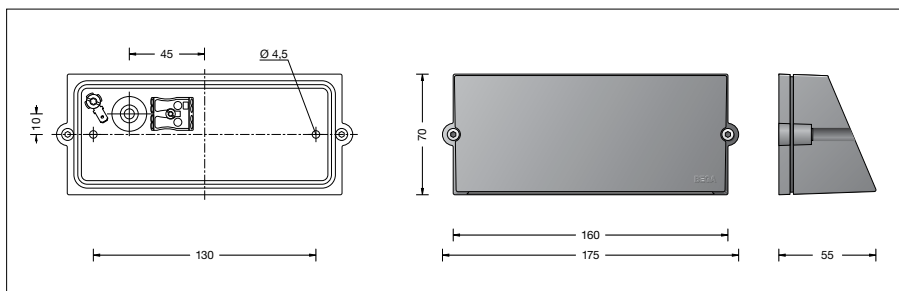
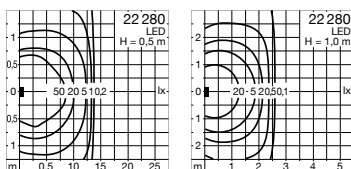
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Module designation	LED-0645/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	375 lm
Luminaire luminous flux	177 lm
Luminaire luminous efficiency	65,6 lm/W

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Module designation	LED-0645/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	390 lm
Luminaire luminous flux	183 lm
Luminaire luminous efficiency	67,8 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. $t_a = 60^\circ\text{C}$ (100 %)

LED psu: 50,000 h
LED module: 64,000 h (L 80 B 50)
96,000 h (L 70 B 50)

Ratio of luminous flux

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

BUG rating according to IES TM-15-07:

0-0-0

CEN Flux Code according to EN 13032-2:

62-92-99-100-100

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. 22 280

LED colour temperature optionally 3000 K
or 4000 K
3000 K – Article number + **K3**
4000 K – Article number + **K4**

Colour graphite or silver
graphite – article number
silver – article number + **A**