

BEGA**55 045**

Garden luminaire

IP 65

Project · Reference number

Date

Product data sheet

Application

Shielded LED garden luminaire with infinitely adjustable mounting height.
The light distributor can be adjusted all-round on the horizontal and is additionally variable in the inclination.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
Vertical tube aluminium anodised
Synthetic cover with optical structure
Silicone gasket
Luminaire head can be adjusted on the horizontal by 360° and can be inclined by $\pm 30^\circ$. In the height it is infinitely adjustable.
Ready for connection with
5 m connecting cable H05RN-F 3 G 1[□]
and mains plug.
LED power supply unit
220-240 V \sim 0/50-60 Hz
Safety class I
Protection class safety plug IP X4
Protected against splash water
Protection class luminaire IP 65
Dusttight and protected against water jets
Impact strength IK10
Protection against mechanical impacts < 20 joule
CE – Conformity mark
Weight: 1.6 kg

Inrush current

Inrush current: 7 A / 112 μ s
Maximum number of luminaires of this type per miniature circuit breaker:

B 10A: 38 luminaires
B 16A: 61 luminaires
C 10A: 64 luminaires
C 16A: 102 luminaires

Lamp

Module connected wattage	3.8 W
Luminaire connected wattage	4.9 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a \max} = 60^\circ\text{C}$

55 045 K3

Module designation	2x LED-0181/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	760 lm
Luminaire luminous flux	480 lm
Luminaire luminous efficiency	98 lm/W

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 $t_{a \max} = 60^\circ\text{C}$ (100 %)

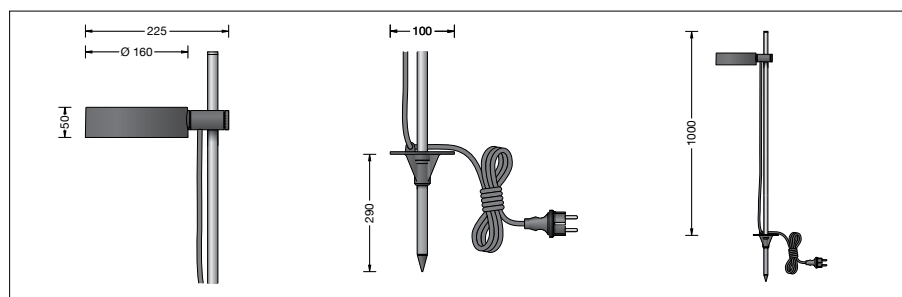
LED psu: 50,000 h
LED module: 150,000 h (L 80 B 50)

Light technique

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 you will find on the BEGA web page www.bega.com.

Accessories

For the electrical connection, we recommend the BEGA connecting pillars with safety sockets. You can find them on our website at www.bega.com.



Light distribution

