

BEGA**24 377**

Plug & Play Spherical luminaires

IP 65

Project · Reference number

Date

Product data sheet

Application

BEGA Plug & Play
Portable LED spherical luminaires 48 V DC
consisting of 3 luminaires with hook.

Product description

Housing and hook made of glass fibre reinforced synthetic material
White synthetic diffuser with screw neck
Silicone gasket
With 5 m cable between the 48 V plug and the first luminaire
Cable length between the luminaires 2 m
Safety class III ⚡
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK10
Protection against mechanical impacts < 20 joule
CE – Conformity mark
Weight: 1.1 kg

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.

Lamp

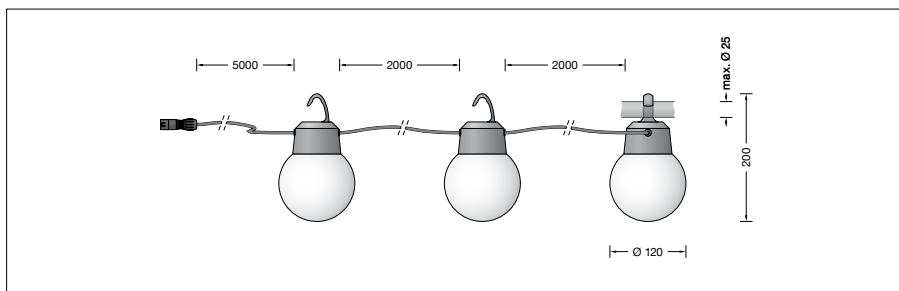
Module connected wattage	3x 3.2 W
Luminaire connected wattage	11.7 W
Rated temperature	$t_a = 25 \text{ }^\circ\text{C}$
Ambient temperature	$t_{a \text{ max}} = 45 \text{ }^\circ\text{C}$

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

Voltage 48 V = DC

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Module designation	LED-0835/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1950 lm
Luminaire luminous flux	1623 lm
Luminaire luminous efficiency	138,7 lm/W

**Service life · Ambient temperature**

Rated temperature $t_a = 25 \text{ }^\circ\text{C}$
LED psu: > 50,000h
LED module: 167,000h (L80B50)

Ambient temperature $t_{a \text{ max}} = 45 \text{ }^\circ\text{C}$ (100 %)
LED psu: 50,000h
LED module: 50,000h (L80B50)
76,000h (L70B50)

Accessories

13 566 Smart Tower with connecting cable and mains plug
13 567 Smart Tower with connecting cable and free cable end
13 568 Smart Extender
Distributor with 5 m cable and 48V plug, switchable and dimmable via Zigbee Control module
10 596 Extension cable 5 m
10 597 Extension cable 10 m
10 526 Remote control ONE
13 569 Remote control PRO
70 588 Gateway
for controlling your lighting system by app BEGA Gateway from a smartphone or tablet

For the accessories a separate instructions for use can be provided upon request.