

**BEGA****24 376**

Plug &amp; 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 earth spike.

**Product description**

Housing and earth spike made of glass-fibre reinforced polyamide  
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**

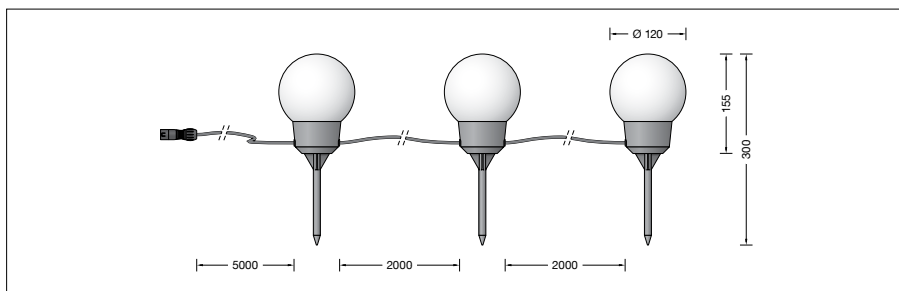
Luminaire data for the light planning program DIALux for outdoor lighting, street lighting and indoor lighting as well as luminaire data in EULUMDAT- and IES-format you will find on the BEGA web page [www.bega.com](http://www.bega.com).

**Lamp**

|                             |                                     |
|-----------------------------|-------------------------------------|
| Module connected wattage    | 3x 3.2 W                            |
| Luminaire connected wattage | 11.7 W                              |
| Rated temperature           | $t_a = 25 \text{ °C}$               |
| Ambient temperature         | $t_{a \text{ max}} = 50 \text{ °C}$ |
| Voltage                     | 48 V = DC                           |

**24 376 K3**

|                               |              |
|-------------------------------|--------------|
| 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 $t_a = 25 \text{ °C}$ |                                                  |
| LED psu:                                | > 50,000 h                                       |
| LED module:                             | > 200,000 h (L 80 B 50)<br>100,000 h (L 90 B 50) |

|                                                                 |                                              |
|-----------------------------------------------------------------|----------------------------------------------|
| Ambient temperature $t_{a \text{ max}} = 50 \text{ °C}$ (100 %) |                                              |
| LED psu:                                                        | 50,000 h                                     |
| LED module:                                                     | 45,000 h (L 80 B 50)<br>68,000 h (L 70 B 50) |

**Accessories**

|               |                                                                                                               |
|---------------|---------------------------------------------------------------------------------------------------------------|
| <b>13 566</b> | Smart Tower with connecting cable and mains plug                                                              |
| <b>13 567</b> | Smart Tower with connecting cable and free cable end                                                          |
| <b>13 568</b> | Smart Extender<br>Distributor with 5 m cable and 48 V plug, switchable and dimmable via Zigbee Control module |
| <b>10 596</b> | Extension cable 5 m                                                                                           |
| <b>10 597</b> | Extension cable 10 m                                                                                          |
| <b>10 526</b> | Remote control ONE                                                                                            |
| <b>13 569</b> | Remote control PRO                                                                                            |
| <b>70 588</b> | Gateway<br>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.