



# UNIn-ground

## BBP211 LED90/WW 2W 12V 30D

UNIn-ground family provide a completed range of up-lights in terms of wattage, beam angle, color temperature, etc. It is to make your space distinctive with more safety and convenience as well. Compact and robust design with diecasting aluminum housing and stainless trim, IP68 waterproof connectors are all for ensuring long-lasting operation without your more caring after installation. Waterproof connector is to give more ease to installation and save your installation cost. Apart from high-quality white light, RGB (and mono RGB) are available with DMX512 decoder built-in side. The lighting LED board can be adjusted to deliver light in precise angle to make the idea of lighting designers come true.

### Product data

| General Information      |   |
|--------------------------|---|
| Light source color       | 830 warm white  |
| Light source replaceable | No  |
| Driver included          | No  |
| Optical cover/lens type  | Polycarbonate bowl/cover flat                                 |
| Control interface        | -   |
| Connection               | Plug-in connector 2-pole Wieland/Adels compatible             |
| Cable                    | Cable 1.0 m with plug 2-pole                                  |
| Protection class IEC     | Safety class III  |
| Flammability mark        | -   |
| CE mark                  | -   |
| Light source engine type | LED   |
| Serviceability class     | Class C, luminaire without serviceable parts, not serviceable |

| Light Technical             |   |
|-----------------------------|---|
| Standard tilt angle posttop | - |

| Operating and Electrical    |                             |
|-----------------------------|-----------------------------|
| Input Voltage               | 12 V                        |
| Power Factor (Min)          | N.A                         |
| Controls and Dimming        |                             |
| Dimmable                    | No                          |
| Mechanical and Housing      |                             |
| Housing Material            | Aluminum                    |
| Optic material              | Polycarbonate               |
| Optical cover/lens material | Acrylate                    |
| Mounting device             | Recessed mounting box round |
| Optical cover/lens finish   | Clear                       |
| Overall height              | 64 mm                       |
| Overall diameter            | 60 mm                       |
| Color                       | Aluminum                    |

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### Approval and Application

|                              |  |
|------------------------------|--|
| Ingress protection code      | IP67 [ Dust penetration-protected, watertight] |
| Mech. impact protection code | IK10 [ 20 J vandal-resistant]                  |

### Initial Performance (IEC Compliant)

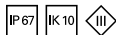
|                                     |         |
|-------------------------------------|---------|
| Initial luminous flux (system flux) | 90 lm   |
| Luminous flux tolerance             | +/-10%  |
| Initial LED luminaire efficacy      | 45 lm/W |
| Init. Corr. Color Temperature       | 3000 K  |
| Init. Color Rendering Index         | >80     |
| Initial input power                 | 2 W     |
| Power consumption tolerance         | +/-10%  |

### Application Conditions

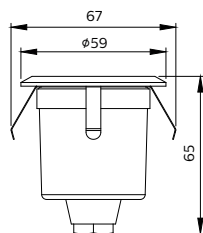
|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -40 to +50 °C |
|---------------------------|---------------|

### Product Data

|                                 |                            |
|---------------------------------|----------------------------|
| Full product code               | 911401755302               |
| Order product name              | BBP211 LED90/WW 2W 12V 30D |
| Order code                      | 911401755302               |
| Numerator - Quantity Per Pack   | 1                          |
| Numerator - Packs per outer box | 20                         |
| Material Nr. (12NC)             | 911401755302               |
| Net Weight (Piece)              | 0.205 kg                   |



## Dimensional drawing



UNIIn-ground BBP2xx/3xx/4xx

