



# SmartBright Road

## BRP131 LED100/NW 100W 220-240V DM GM

The SmartBright road is ideal for new streets and for renovating existing installations: this affordable range of lighting solutions combines clean, high-quality light with significant energy savings and reduced maintenance.

### Product data

| General Information           |  |
|-------------------------------|--|
| Lamp colour code              | 840 neutral white                        |
| Light source replaceable      | No                                       |
| Number of gear units          | 1 unit                                   |
| Driver included               | Yes                                      |
| Optical cover/lens type       | PC-MLO [ Polycarbonate micro lens optic] |
| Control interface             | -  |
| Connection                    | Flying leads/wires                       |
| Protection class IEC          | Safety class I (I)                       |
| CE mark                       | CE mark                                  |
| Warranty period               | 3 years                                  |
| Constant light output         | No                                       |
| Number of products on MCB     | 26                                       |
| RoHS mark                     | RoHS mark                                |
| LED engine type               | LED                                      |
| Operating and Electrical      |  |
| Input voltage                 | 220 to 240 V                             |
| Input frequency               | 50 to 60 Hz                              |
| Initial CLO power consumption | NO W                                     |
| Inrush current                | 9.7 A                                    |
| Inrush time                   | 0.065 ms                                 |
| Power factor (min.)           | 0.9                                      |

| Controls and Dimming                   |  |
|--|--|
| Dimmable                               | No   |
| Mechanical and Housing                 |  |
| Housing material                       | Aluminum die-cast  |
| Optic material                         | Polycarbonate  |
| Optical cover/lens material            | Polycarbonate  |
| Fixation material                      | Aluminum   |
| Mounting device                        | Spigot for diameter 42 to 60 mm  |
| Overall length                         | 453.8 mm   |
| Overall width                          | 277.2 mm   |
| Overall height                         | 85 mm  |
| Effective projected area               | 0.11 m <sup>2</sup>  |
| Colour                                 | Dark Grey  |
| Approval and Application               |  |
| Ingress protection code                | IP66 [ Dust penetration-protected, jet-proof]  |
| Mech. impact protection code           | IK08 [ 5 J vandal-protected]   |
| Surge protection (common/differential) | Luminaire surge protection level up to 15 kV differential mode and 15 kV common mode |
| Initial Performance (IEC Compliant)    |  |
| Initial luminous flux                  | 10000 lm   |
| Luminous flux tolerance                | +/-10%   |

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|                                |          |
|--------------------------------|----------|
| Initial LED luminaire efficacy | 100 lm/W |
| Lamp colour temperature        | 4000 K   |
| Colour Rendering Index         | 70       |
| Initial chromaticity           | SDCM>6   |
| Initial input power            | 100 W    |
| Power consumption tolerance    | +/-10%   |

### Application Conditions

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

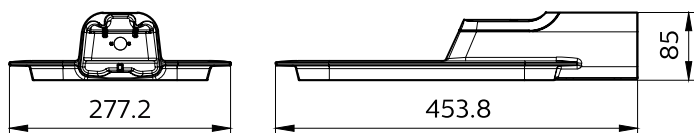
### Product Data

|                   |                 |
|-------------------|-----------------|
| Full product code | 871016332200100 |
|-------------------|-----------------|

|                                 |                                      |
|---------------------------------|--------------------------------------|
| Order product name              | BRP131 LED100/NW 100W 220-240V DM GM |
| EAN/UPC – product               | 8710163322001                        |
| Order code                      | 32200100                             |
| Numerator – quantity per pack   | 1                                    |
| Numerator – packs per outer box | 1                                    |
| Material no. (12NC)             | 911401697404                         |
| Net weight (piece)              | 3.299 kg                             |



## Dimensional drawing



BRP130/131/132 SmartBright Road

