



# SmartBright Road

## BRP130 LED70/NW 70W 220-240V DM

SmartBright Road, 7000 lm, 70 W, 740 neutral white, Safety class I, Spigot for diameter 42 to 60 mm

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                |   |
|------------------------------------|---|
| Light source replaceable           | No  |
| Number of gear units               | 1 unit                                      |
| Driver included                    | Yes   |
| Light source engine type           | LED   |
| CE mark                            | CE mark                                     |
| Warranty period                    | 3 years                                     |
| Flammability mark                  | For mounting on normally flammable surfaces |
| EU RoHS compliant                  | Yes   |
| Light Technical                    |   |
| Luminous Flux                      | 7,000 lm                                    |
| Correlated Color Temperature (Nom) | 4000 K                                      |
| Luminous Efficacy (rated) (Nom)    | 100 lm/W                                    |
| Color rendering index (CRI)        | 70  |
| Light source color                 | 740 neutral white                           |
| Optical cover type                 | Polycarbonate micro lens optic              |

| Operating and Electrical                    |                          |
|---|--------------------------|
| Input Voltage                               | 220 to 240 V             |
| Line Frequency                              | 50 to 60 Hz              |
| Initial CLO power consumption               | NO W                     |
| Inrush current                              | 9.2 A                    |
| Inrush time                                 | 0.066 ms                 |
| Power Consumption                           | 70 W                     |
| Power Factor (Fraction)                     | 0.9                      |
| Connection                                  | Flying leads/wires       |
| Cable                                       | Cable 0.5 m without plug |
| Number of products on MCB of 16 A type B 37 |                          |
| Temperature                                 |                          |
| Ambient temperature range                   | -40 to +50 °C            |
| Controls and Dimming                        |                          |
| Dimmable                                    | No                       |
| Control interface                           | -                        |
| Constant light output                       | No                       |

| Mechanical and Housing                 |  |
|--|--|
| Housing Material                       | Aluminum die cast  |
| Optic material                         | Polycarbonate  |
| Optical cover material                 | Polycarbonate  |
| Fixation material                      | Aluminum   |
| Housing Color                          | Dark gray  |
| Mounting device                        | Spigot for diameter 42 to 60 mm  |
| Overall length                         | 382.5 mm   |
| Overall width                          | 248.4 mm   |
| Overall height                         | 85 mm  |
| Effective projected area               | 0.08 m <sup>2</sup>  |
| Dimensions (Height x Width x Depth)    | 85 x 248 x 383 mm  |
| 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 until 10 kV differential mode and 10 kV common mode |

| Protection class IEC                | Safety class I                  |
|-------------------------------------|---------------------------------|
| Initial Performance (IEC Compliant) |                                 |
| Luminous flux tolerance             | +/-10%                          |
| Initial chromaticity                | (0.38, 0.38) SDCM < 5           |
| Power consumption tolerance         | +/-10%                          |
| Product Data                        |                                 |
| Order product name                  | BRP130 LED70/NW 70W 220-240V DM |
| Full product name                   | BRP130 LED70/NW 70W 220-240V DM |
| Full product code                   | 911401635204                    |
| Order code                          | 911401635204                    |
| Material Nr. (12NC)                 | 911401635204                    |
| Numerator - Quantity Per Pack       | 1                               |
| Numerator - Packs per outer box     | 1                               |

## Dimensional drawing

