



# RoadForce

## BRP482 LED147-2S NW 83W DWL P7 0-10

83 W, Grey

With an extremely high measured efficacy of up to 190 lm/W, excellent optical gear and great installation flexibility with an integrated angle adjustment system, the RoadForce family ensures a high-quality luminous result compliant with local application standards. Designed with robust components, the RoadForce luminaire complies with the highest quality standards while reducing the maintenance costs.

### Warnings and Safety

- Follow the mounting instructions provided by the manufacturer.

### Product data

| General Information                |                     |  |                                    |
|------------------------------------|---------------------|--|------------------------------------|
| Lamp family code                   | -                   | Inrush time                              | 0.858 ms                           |
| Light source replaceable           | Yes                 | Power Consumption                        | 83 W                               |
| Driver included                    | Yes                 | Power Factor (Fraction)                  | 0.95                               |
|                                    |                     | Connection                               | Flying leads/wires                 |
|                                    |                     | Cable                                    | -                                  |
|                                    |                     | Number of products on MCB of 16 A type B | 3                                  |
| Light Technical                    |                     | Protection class IEC                     | Safety class I                     |
| Luminous Flux                      | 14,700 lm           | Surge Protection (Common/Differential)   | Surge protection level until 10 kV |
| Correlated Color Temperature (Nom) | 4000 K              |  |                                    |
| Luminous Efficacy (rated) (Nom)    | 177 lm/W            | Controls and Dimming                     |                                    |
| Color rendering index (CRI)        | 70                  | Dimmable                                 | 0-10V                              |
| Luminaire light beam spread        | -                   | Driver/power unit/transformer            | Power supply unit regulating       |
| Effective projected area           | 0.04 m <sup>2</sup> | Control interface                        | Analog                             |
|                                    |                     | Constant light output                    | No                                 |
| Operating and Electrical           |                     | Mechanical and Housing                   |                                    |
| Input Voltage                      | 120 to 277 V        | Housing Material                         | Aluminium pressure die cast        |
| Line Frequency                     | 50 or 60 Hz         |  |                                    |
| Inrush current                     | 75.6 A              |  |                                    |

## RoadForce

|                                |  |
|--------------------------------|--|
| Housing Color                  | Grey   |
| Mounting device                | Mounting bracket adjustable                  |
| Overall height                 | 126 mm                                       |
| Ingress protection code        | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code   | IK08 [6 J]                                   |
| Standard tilt angle posttop    | -  |
| Standard tilt angle side entry | 0°   |
| Net Weight (Piece)             | 3.650 kg                                     |

### Approval and Application

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -20 to +50 °C |
|---------------------------|---------------|

### Initial Performance (IEC Compliant)

|                         |             |
|-------------------------|-------------|
| Luminous flux tolerance | -10% / +10% |
|-------------------------|-------------|

|                             |        |
|-----------------------------|--------|
| Power consumption tolerance | +/-10% |
|-----------------------------|--------|

### Over Time Performance (IEC Compliant)

|                           |                 |
|---------------------------|-----------------|
| Median useful life L70B50 | 102,000 hour(s) |
|---------------------------|-----------------|

### Product Data

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Order product name              | BRP482 LED147-2S NW 83W DWL P7 0-10 |
| Full product name               | BRP482 LED147-2S NW 83W DWL P7 0-10 |
| Order code                      | 919306034731                        |
| Material Nr. (12NC)             | 919306034731                        |
| Numerator - Quantity Per Pack   | 1                                   |
| Numerator - Packs per outer box | 1                                   |

