

CODE: PHP00B3RI00E1A12P



### PRODUCT FEATURES

|   |  |
|---|--|
| Voltage   | 220÷240 V ac                           |
| Frequency   | 50/60 Hz                               |
| Electrical safety class                                     | I – II                                 |
| Power supply  | TLC Radio                              |
| Constant Lumen Output (CLO)                                 | Connectable on request                 |
| Night time dimming  | Profile settable up to 4 levels        |
| Service environment temperature                             | -30° ÷ +50° C                          |
| Storage room temperature                                    | -40° ÷ +80° C                          |
| Driving current   | Up to 500 mA                           |
| Certifications  | CE, RoHS, EN60598-1, EN60598-2-3, ENEC |
| System efficiency   | Up to 154 lm/W                         |
| Surge protection  | 10 kV com – 10 kV diff                 |
| Luminous flux emitted directly towards the upper hemisphere | ≤ 0,49 cd/Klm                          |

### LED MODULE FEATURES

|  |                   |
|--|-------------------|
| LED  | Power LED         |
| CCT – CRI  | 4000K - CRI70     |
| LED modules' luminous efficiency with optical system @CRI70 4000K* Tc85°C/l=700mA    | 155 lm/W          |
| LED modules' luminous efficiency without optical system @CRI70 4000K* Tc85°C/l=700mA | 177 lm/W          |
| LED's chromatic positioning  | McAdam's step ≤ 5 |
| Lifetime L80B10 (25° T amb)  | > 150.000 h       |
| Lifetime L90B10 (25° T amb)  | > 110.000 h       |
| Optical system   | Reflection optics |

### MECHANICAL FEATURES

|                          |   |
|--------------------------|---|
| Body                     | Die-cast aluminum EN 47100  |
| Total weight             | 6 Kg  |
| Area exposed to the wind | 0,02 – 0,04 – 0,13 m <sup>2</sup>   |
| Ingress protection       | IP66/67   |
| Shock protection         | IK09  |
| Painting                 | Polyester powder paint thickness: 80 µm resistant to 1000 hours in salt spray (2500 on request) |
| Gasket                   | Silicone based gasket   |
| Color                    | Anthracyte gray RAL 7016 (other colors on request)  |
| Diffuser                 | Glass tempered extra clear 5 mm   |
| External screws          | A2 stainless steel  |
| Supply connection        | H07RN-F<br>Class II: 2×1.5<br>Class I: 3×1.5  |
| Cable entry              | Maximum diameter 12 mm  |
| Mounting                 | Lateral or pole head diameter 60 mm; 42/76 mm (optional)  |
| Inclination              | pole head -15°÷ +25°<br>outreach -15°÷ +5°  |

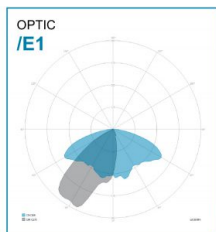
### DRIVER FEATURES

|                           |                   |
|---------------------------|-------------------|
| Power factor (full-load)  | > 0,90            |
| Lifetime                  | > 100.000 h       |
| Power supply failure rate | < 10% at 50.000 h |

Visit [www.ariannaed.com](http://www.ariannaed.com) for the complete list of certified products.

Flux and power data are corresponding to typical values referring to ambient temperature (Ta) equal to 25° C or 77° F with tolerance ± 7%.

In order to facilitate continuous updating of products Arianna spa reserves the right to make changes without notice.



**OPTICS:** E1-MEDIUM ROADS

LUMINOUS INTENSITY CLASS G\*2

| CODE              | FLUX<br>[lm] | POWER<br>[W] | EFFICIENCY<br>[lm/W] |
|-------------------|--------------|--------------|----------------------|
| PHP00B3RI00E1A12P | 3956         | 27           | 147                  |

Visit [www.ariannaed.com](http://www.ariannaed.com) for the complete list of certified products.

Flux and power data are corresponding to typical values referring to ambient temperature (Ta) equal to 25° C or 77° F with tolerance  $\pm 7\%$ .

In order to facilitate continuous updating of products Arianna spa reserves the right to make changes without notice.