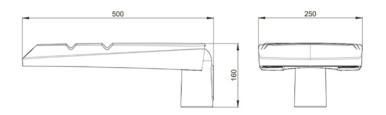
# CODE: PHP00B0FN00R1A12P







## **PRODUCT FEATURES**

| Voltage   | 220÷240 V ac                              |  |
|---|---|--|
| Frequency   | 50/60 Hz                                  |  |
| Electrical safety class                                     | I – II                                    |  |
| Power supply  | FIXED                                     |  |
| 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,<br>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                             |  |

#### **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<br>resistant to 1000 hours in salt spray<br>(2500 on request) |  |
| Gasket                   | Silicone based gasket   |  |
| Color                    | Anthracite 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;<br>42/76 mm (optional)   |  |
| Inclination              | pole head -15°÷ +25°<br>outreach -15°÷ +5°  |  |

## LED MODULE FEATURES

| LED  | Power LED         |
|--|-------------------|
| CCT – CRI  | 2200K - CRI80     |
| LED modules' luminous efficiency with optical system @CRI70 4000K* Tc85°C/l=700mA          | 155 lm/W          |
| LED modules' luminous efficiency without<br>optical system @CRI70 4000K*<br>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 |

# **DRIVER FEATURES**

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

Visit www.ariannaled.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 tollerance ± 7%. In order to facilitate continuous updating of products Arianna spa reserves the right to make changes without notice.



| CODE              | FLUX | POWER | EFFICIENCY |
|-------------------|------|-------|------------|
|                   | [lm] | [W]   | [lm/W]     |
| PHP00B0FN00R1A12P | 2326 | 20    | 116        |

LUMINOUS INTENSITY CLASS G\*4

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