

CODE: PHP00B0PN00R1A12Y



### PRODUCT FEATURES

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

### LED MODULE FEATURES

|                                                                                             |                   |
|---------------------------------------------------------------------------------------------|-------------------|
| <b>LED</b>                                                                                  | Power LED         |
| <b>CCT – CRI</b>                                                                            | 2200K - CRI80     |
| <b>LED modules' luminous efficiency with optical system @CRI70 4000K* Tc85°C/l=700mA</b>    | 155 lm/W          |
| <b>LED modules' luminous efficiency without optical system @CRI70 4000K* Tc85°C/l=700mA</b> | 177 lm/W          |
| <b>LED's chromatic positioning</b>                                                          | McAdam's step ≤ 5 |
| <b>Lifetime L80B10 (25° T amb)</b>                                                          | > 150.000 h       |
| <b>Lifetime L90B10 (25° T amb)</b>                                                          | > 110.000 h       |
| <b>Optical system</b>                                                                       | Reflection optics |

### MECHANICAL FEATURES

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

### DRIVER FEATURES

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

Visit [www.ariannaled.com](http://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 tolerance ± 7%.

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



**OPTICS: R1-MEDIUM ROADS G\*4**

**LUMINOUS INTENSITY CLASS G\*4**

| CODE              | FLUX<br>[lm] | POWER<br>[W] | EFFICIENCY<br>[lm/W] |
|-------------------|--------------|--------------|----------------------|
| PHP00B0PN00R1A12Y | 2326         | 20           | 116                  |

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