

CODE: PHP00B31I00R1A12Y



### 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>  | 1-10 V                                 |
| <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>  | 4000K - CRI70     |
| <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] |
|-------------------|--------------|--------------|----------------------|
| PHP00B31I00R1A12Y | 3956         | 27           | 147                  |

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