

CODE: PHP00D0TI00R1A24Y



## PRODUCT FEATURES

|                                                             |                                        |
|-------------------------------------------------------------|----------------------------------------|
| Voltage                                                     | 220÷240 V ac                           |
| Frequency                                                   | 50/60 Hz                               |
| Electrical safety class                                     | I – II                                 |
| Power supply                                                | TLC PLC                                |
| 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: R1-MEDIUM ROADS G\*4**

**LUMINOUS INTENSITY CLASS G\*4**

| CODE              | FLUX<br>[lm] | POWER<br>[W] | EFFICIENCY<br>[lm/W] |
|-------------------|--------------|--------------|----------------------|
| PHP00D0TI00R1A24Y | 8040         | 55           | 146                  |

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