

CODE: PHP00C0PI00R1A18Y



PRODUCT FEATURES

| | |
|--|--|
| Voltage | 220÷240 V ac |
| Frequency | 50/60 Hz |
| Electrical safety class | I – II |
| Power supply | NIGHT REDUCTION |
| 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 ² |
| 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 | Anthracite gray RAL 7016 (other colors on request) |
| Diffuser | Glass tempered extra clear 5 mm |
| External screws | A2 stainless steel |
| Supply connection | H07RN-F Class II: 2×1.5 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° 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.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 [lm] | POWER [W] | EFFICIENCY [lm/W] |
|-------------------|--------------|--------------|----------------------|
| PHP00COP100R1A18Y | 6020 | 41 | 147 |

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