

CODE: PHP00B31I00E1A12Y



### 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 Class II: 2×1.5 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° 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: E1-MEDIUM ROADS**

**LUMINOUS INTENSITY CLASS G\*2**

CODE	FLUX [lm]	POWER [W]	EFFICIENCY [lm/W]
PHP00B31I00E1A12Y	3956	27	147

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