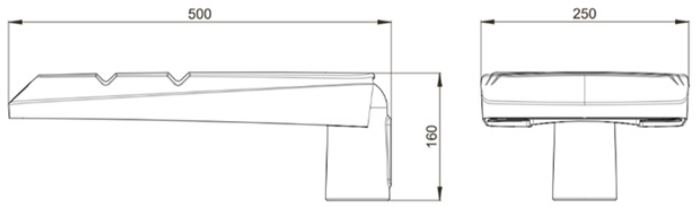
PHILEO PRO

CODE: **PHP00B6PL00R1A18Y**

Technical Data Sheet



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 - CRI80
LED modules' luminous efficiency with optical system @CRI70 4000K* Tc85°C/I=700mA	155 lm/W
LED modules' luminous efficiency without optical system @CRI70 4000K* Tc85°C/I=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 tollerance ± 7%.
In order to facilitate continuous updating of products Arianna spa reserves the right to make changes without notice.

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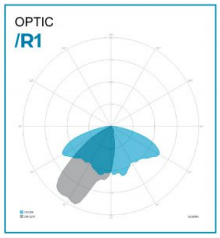

OPTICS: R1-MEDIUM ROADS G*4

LUMINOUS INTENSITY CLASS G*4

CODE	FLUX [lm]	POWER [W]	EFFICIENCY [lm/W]
PHP00B6PL00R1A18Y	4559	33	138

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