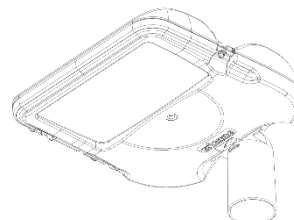
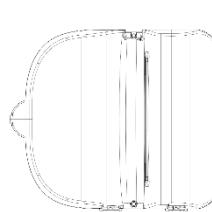
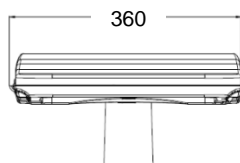
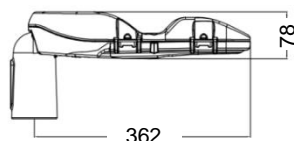


PHILEO MINI

Technical Data Sheet



Unit of measurement: mm

PRODUCT FEATURES

Voltage	220+240 V ac
Frequency	50/60 Hz
Electrical safety class	I - II
Flow regulation	Virtual midnight and CLO
NEMA control system	NEMA: Socket on request
Night – time dimming	Profile settable up to 4 levels
Control system	Optional
Service environment temperature	-40° + +40°
Storage room temperature	-40° + +80°
Driving current	200 mA < I _f < 1050 mA
Certifications	ENEC (optional), CE, RoHS, EN60598-1, EN60598-2-3
System efficiency	Until 150 lm/W
Surge protection	10 kV com – 10 kV diff
Automatic disconnect	Automatic line sectioning device
Luminous flux emitted directly towards the upper hemisphere	I _f < 0,49 cd/Klm
Warranty*	5 years

DRIVER FEATURE

Minimum efficiency	90%
Driver	1 – 10 V or DALI
Power factor (full-load)	> 0,95
Total Harmonic Distortion	< 15%
Lifetime	> 100.000 hours
Power supply failure rate for 50,000 hours	< 10%
Sostituibilità	Wired driver on extractable slab in separated modules

MECHANICAL FEATURES

Body	Die-cast aluminium EN 46100
Total weight	7,5 Kg
Area esposta al vento	0,03 m ² - 0,03 m ² - 0,13 m ²
Ingress protection	IP66
Shock protection	IK08
Painting	Polyester powder paint thickness: 80 µm resistant to 2500 hours in salt spray
Gasket	Silicone based gasket
Color	RAL9006 (other colors on request)
Diffuser	Glass tempered extra clear 4 mm
External screws	A2 stainless steel
Cable entry	Maximum diameter 13 mm
Mounting	Lateral or pole head diameter 60 mm; 42/76 mm (optional)
Inclination	Pole head -15°+ +25°; outreach -15°+ +5°
Closing system	Tool-less clip

LED MODULE FEATURE

LED	Power LED
Color temperature	4000 K (3000/5700 K optional)
Color rendering index	> 70
LED modules' luminous efficiency with optical system @CRI70 4000K* Tc85°C/I=700mA	148 lm/W
LED modules' luminous efficiency without optical system @CRI70 4000K* Tc85°C/I=700mA	148 lm/W
LEDs' chromatic positioning	McAdam's step ≤ 5
Lifetime L80B10	> 100.000 hours (25°C T amb)
Optical system	Multilayer reflection optics full cut-off
Substituitabilità	Removable LED module

*Warranty conditions shown on the www.ariannaled.com website

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

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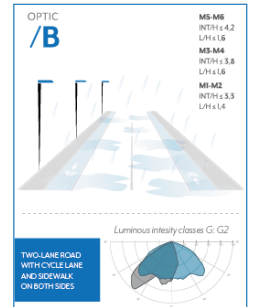
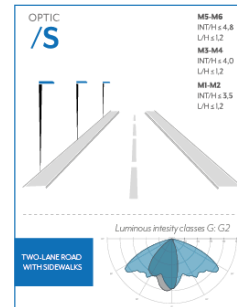
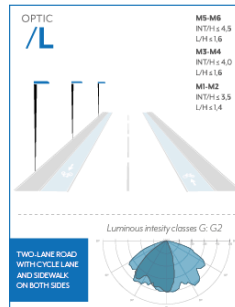
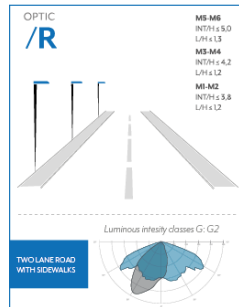
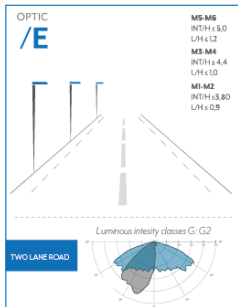

arianna
light looking forward

Rev April 2019

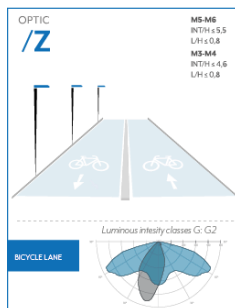
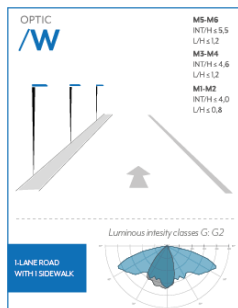
PHILEO MINI

Technical Data Sheet

Single optics



Double optics



The optical system comprises a series of 2 modules with 7 basic optical configurations and many combinations, with luminous flux from 2,000 to 10,000 lumen.

The modular structure means quick-fit system can be used to insert different optics, either symmetrical or asymmetrical, depending on specific needs and customisations.

Contact Arianna team for custom calculations.

Single optics

* E-L-R-S-B

CODE	MODULES Nr	FLUX (lm) @4000k	POWER (W)	EFFICIENCY (lm/W)
S-MA020PI*G1P	1	2012	14	144
S-MA025PI*G1P	1	2511	18	142
S-MA030PI*G1P	1	3016	21	141
S-MA035PI*G1P	1	3507	25	140
S-MA040PI*G1P	1	4054	30	134
S-MA045PI*G1P	1	4492	33	135
S-MA040PI*G2P	2	4047	27	150
S-MA045PI*G2P	2	4446	30	149
S-MA050PI*G2P	2	5051	34	148
S-MA060PI*G2P	2	6031	41	146
S-MA070PI*G2P	2	7070	51	139
S-MA080PI*G2P	2	8030	60	134
S-MA090PI*G2P	2	9001	69	130
S-MA100PI*G2P	2	10002	79	127

Double optics

* W-Z

CODE	MODULES Nr	FLUX (lm) @4000k	POWER (W)	EFFICIENCY (lm/W)
S-MA020PI*G2P	2	2012	14	144
S-MA025PI*G2P	2	2511	18	142
S-MA030PI*G2P	2	3016	21	141
S-MA035PI*G2P	2	3507	25	140
S-MA040PI*G2P	2	4054	30	134
S-MA045PI*G2P	2	4492	33	135

Flow data refers to devices with CRI 70 and 4000 K (740).

To get different combinations of CRI and CCT multiply the luminous flux by the following conversion factors K

- 730 = 0.9
- 840 = 0.9
- 830 = 0.85



IP66

IK08



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