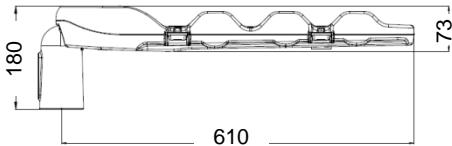
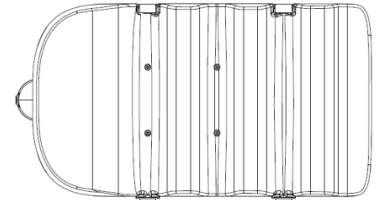
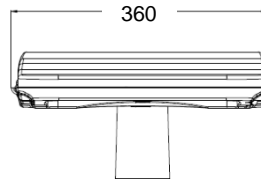


PHILEO

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	10 Kg
Exposed wind area	0,04 m ² - 0,03 m ² - 0,22 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	168 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
Substitutabilità	Removable LED module

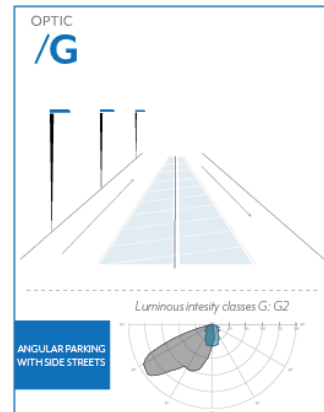
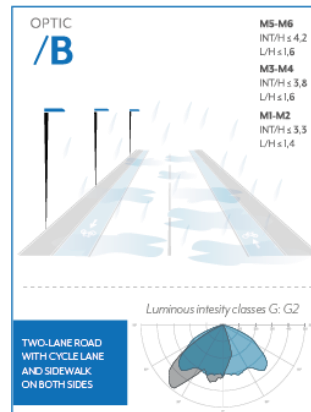
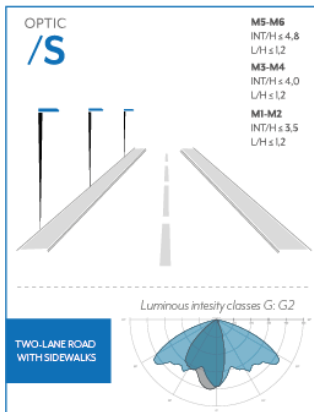
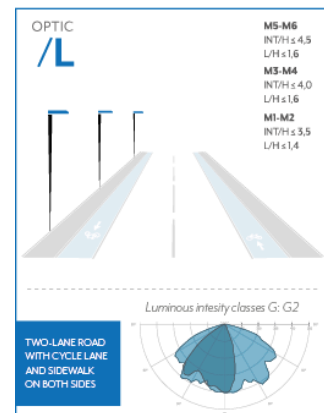
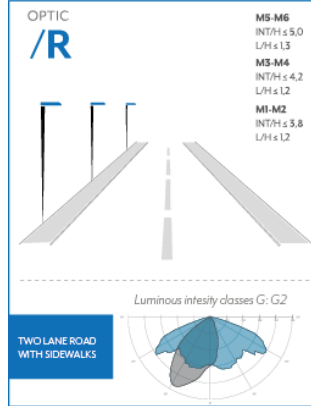
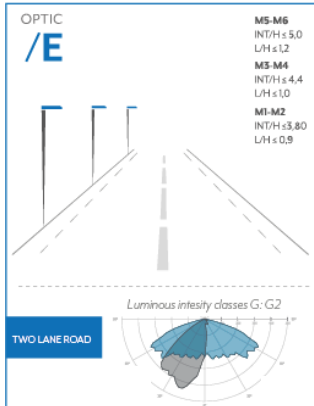
*Warranty conditions shown on the www.ariannaled.com website

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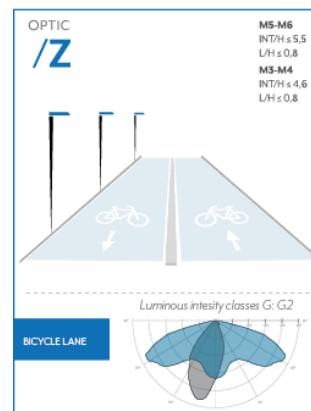
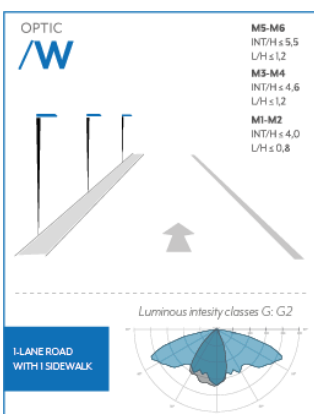
Flux and power data are corresponding to typical values referring to ambient temperature (Ta) equal to 25° C or 77° F with tolerance ± 7%

In order to facilitate continuous updating of products Arianna spa reserves the right to make changes without notice

Single optics



Double optics



The optical system consists of modules (minimum 3, maximum 6) with 8 basic photometries, and thousands of combinations with thousands of fluxes of 6,000 to 30,000 lumens.

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-G

CODE	MODULES Nr	FLUX (lm) @4000k	POWER (W)	EFFICIENCY (lm/W)
S-PA060PI*G3P	3	5981	39	153
S-PA070PI*G3P	3	7159	48	149
S-PA080PI*G3P	3	7991	55	146
S-PA090PI*G3P	3	9368	66	142
S-PA100PI*G3P	3	10162	73	140
S-PA120PI*G3P	3	12044	88	137
S-PA140PI*G3P	3	14016	107	131
S-PA080PI*G4P	4	8204	55	150
S-PA090PI*G4P	4	8964	60	150
S-PA100PI*G4P	4	10099	69	147
S-PA120PI*G4P	4	12037	84	144
S-PA140PI*G4P	4	13923	98	142
S-PA160PI*G4P	4	16122	116	139
S-PA180PI*G4P	4	17931	134	134
S-PA100PI*G5P	5	10097	67	151
S-PA120PI*G5P	5	12037	81	148
S-PA140PI*G5P	5	13975	96	146
S-PA160PI*G5P	5	16340	115	142
S-PA180PI*G5P	5	18187	130	140
S-PA200PI*G5P	5	19995	145	138
S-PA120PI*G6P	6	12070	81	149
S-PA140PI*G6P	6	13801	94	148
S-PA160PI*G6P	6	16066	111	145
S-PA180PI*G6P	6	17703	124	143
S-PA200PI*G6P	6	19849	141	141
S-PA225PI*G6P	6	21930	159	138
S-PA250PI*G6P	6	24986	185	135

Double optics

* W-Z

CODE	MODULES Nr	FLUX (lm) @4000k	POWER (W)	EFFICIENCY (lm/W)
S-PA040PI*G4P	4	4047	27	150
S-PA045PI*G4P	4	4446	30	149
S-PA050PI*G4P	4	5051	34	148
S-PA060PI*G4P	4	6031	41	146
S-PA070PI*G4P	4	7070	51	139
S-PA080PI*G4P	4	8030	60	134
S-PA090PI*G4P	4	9001	69	130
S-PA100PI*G4P	4	10002	79	127
S-PA060PI*G6P	6	5981	39	153
S-PA070PI*G6P	6	7159	48	149
S-PA080PI*G6P	6	7991	55	146
S-PA090PI*G6P	6	9095	65	139
S-PA100PI*G6P	6	9924	72	137
S-PA120PI*G6P	6	12139	88	138
S-PA140PI*G6P	6	14016	107	131

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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