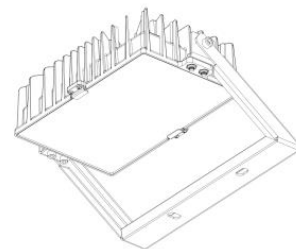
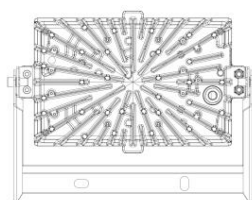
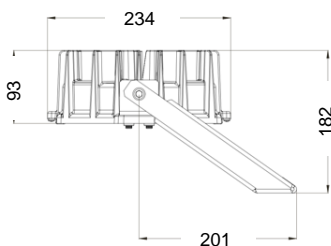


PETRARCA

Technical Data Sheet



Version 1 module



Unit of measurement: mm
Invalid size for definitive designs.

PRODUCT FEATURES

Voltage	220+240 V ac
Frequency	50/60 Hz
Electrical safety class	I
Driver	1-10 V
Service environment temperature	-20° ÷ +35°
Storage room temperature	-40° ÷ +80°
Driving current	350 mA, 525 mA, 700 mA
Certifications	CE, ROHS, EN60598-1, EN60598-2-5
System efficiency	Until 136 lm/W
Surge protection	6 kV com – 6 kV diff (10/10 on request)
Warranty*	5 years

LED MODULE FEATURES

LED	Ceramic based power LED
Module efficiency	Until 170 lm/W
Color temperature	4000 K (5700 K on request)
Color rendering index	> 70 (CRI 80 and 90 on request)
Lifetime L70 (TM-21)	> 60.000 hours (25°C)
L90B10	> 217.000 h
L90 (TM-21)	> 72.600 h
Optical system	Multilayer reflection optics full cut-off
Sealing	Module sealed for life

MECHANICAL FEATURES

Body	Die-cast aluminum EN AB 44300
Copper content	Less than 0,1%
Total weight	1 Module: 6,7 Kg 6 Modules: 32 Kg (+7 Kg driver)
Area exposed to the wind	1 Module: 0,076 m ² 6 Modules: 0,46 m ²
Ingress protection	IP66
Shock protection	IK08
Diffuser	Glass tempered extra clear 4 mm
External screws	A2 stainless steel
Cable entry	Maximum diameter 14 mm
Mounting	Floodlight bracket

DRIVER FEATURES

Minimum efficiency	91%
Driver	1–10 V or DALI
Power factor (full-load)	> 0,95
Total Harmonic Distortion	< 15%
Failure rate	<10% 100.000 hours
Substitutability	External replaceable driver
Flicker	Low flicker

OPTIONAL

TLC	Remote control mounted on board
DMX	DMX predisposition
DALI	DALI power supply predisposition
AL20	Separate power supply IP20
AL65	Separate power supply IP65 in box
COAL	Power supply cover plate

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

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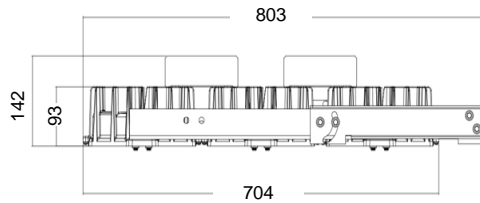
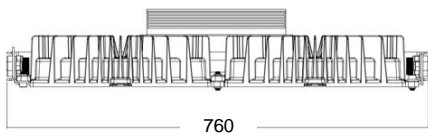
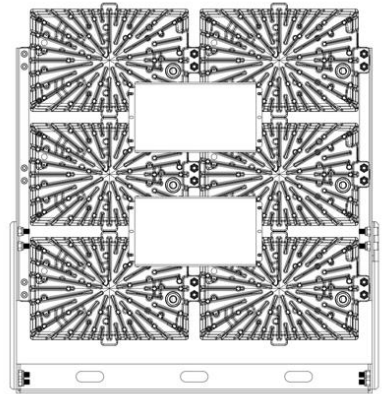
In order to facilitate continuous updating of products Arianna spa reserves the right to make changes without notice.

Arianna spa via dell'Industria 14 - 35020 Brugine (PD) t +39 049 7389920 f +39 049 7389924
info@ariannaled.com/www.ariannaled.com P.I. 04387780283

 **arianna**
light looking forward

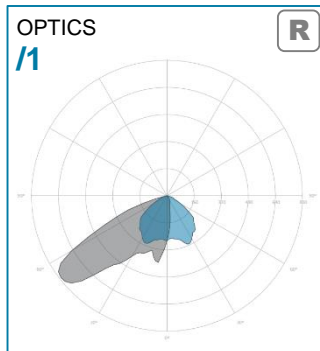
Rev Feb 2019

Version 6 modules

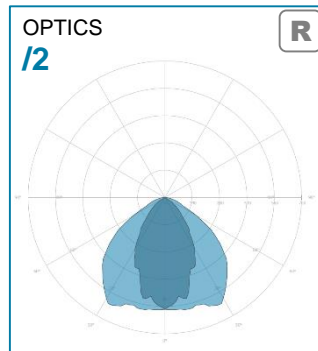


Unit of measurement: mm
Invalid size for definitive designs.

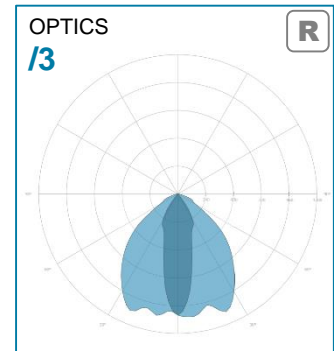
AVAILABLE OPTICS



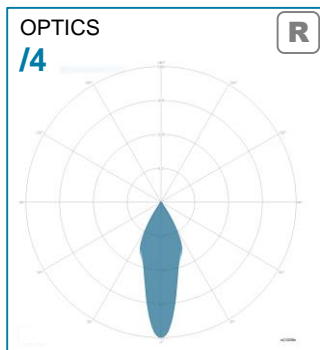
Asymmetrical spot



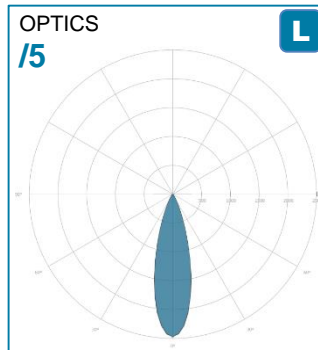
Symmetrical spot



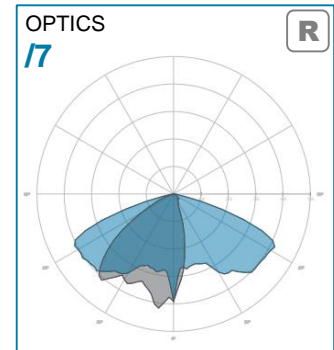
Narrow symmetrical spot



Rotosymmetrical 30°



Rotosymmetrical 20°



Asymmetrical street

R Reflectors

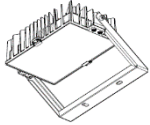
L Lenses

AVAILABLE SPRING 2019

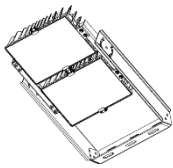
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Technical Data Sheet



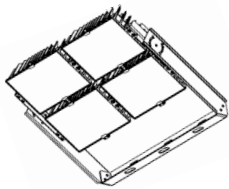
POWER (W)	Optics 1-2-3-7		Optic 4		Optic 5	
	FLUX (lm)	EFFICIENCY (lm/W)	FLUX (lm)	EFFICIENCY (lm/W)	FLUX (lm)	EFFICIENCY (lm/W)
106	14800	140	14000	132	13200	124
153	20800	136	19600	128	18500	121
206	25700	125	24300	118	22800	111



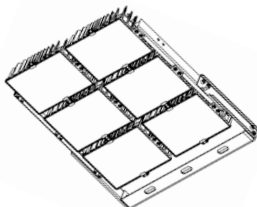
POWER (W)	Optics 1-2-3-7		Optic 4		Optic 5	
	FLUX (lm)	EFFICIENCY (lm/W)	FLUX (lm)	EFFICIENCY (lm/W)	FLUX (lm)	EFFICIENCY (lm/W)
212	29600	140	28000	132	26300	124
306	41600	136	39300	128	36900	121
412	51400	125	48500	118	45700	111



POWER (W)	Optics 1-2-3-7		Optic 4		Optic 5	
	FLUX (lm)	EFFICIENCY (lm/W)	FLUX (lm)	EFFICIENCY (lm/W)	FLUX (lm)	EFFICIENCY (lm/W)
314	44400	141	41900	134	39500	126
454	62300	137	58900	130	55400	122
611	77000	126	72800	119	68500	112



POWER (W)	Optics 1-2-3-7		Optic 4		Optic 5	
	FLUX (lm)	EFFICIENCY (lm/W)	FLUX (lm)	EFFICIENCY (lm/W)	FLUX (lm)	EFFICIENCY (lm/W)
414	59200	143	55900	135	52600	127
599	83100	139	78500	131	73900	123
807	102700	127	97000	120	91300	113



POTENZA (W)	Optics 1-2-3-7		Optic 4		Optic 5	
	FLUX (lm)	EFFICIENCY (lm/W)	FLUX (lm)	EFFICIENCY (lm/W)	FLUX (lm)	EFFICIENCY (lm/W)
622	88800	143	83900	135	78900	127
898	124700	139	117800	131	110800	123
1210	154100	127	145500	120	137000	113

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 **857/840** k=0.90 **957** k=0.78

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