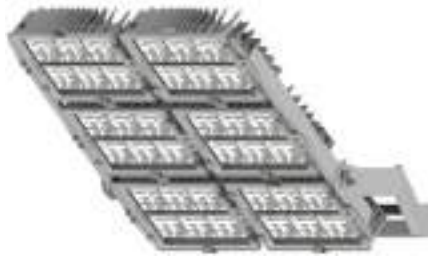


PETRARCA 2.0

Technical Data Sheet



PRODUCT FEATURES

Voltage	220+240 V ac (380 V ac optional for 4 and 6 mod.)
Frequency	50/60 Hz
Electrical safety class	I (class II optional for 1 or 2 mod.)
Power Supply Program	F - Fixed with 1-10V (standard)
	P - Standard Night Cycle
	D - DALI X - DMX
Driving current	Up to 800 mA
Service environment temperature	-30° + +50°C
Storage room temperature	-40° + +80°C
Certifications	CE, ROHS, EN60598-1, EN60598-2-5
Surge protection	10 kV com – 6 kV diff (10/10 on request)

DRIVER FEATURES

Power factor	> 0,90
Failure rate	<10% 100.000 h
Substitutability	External replaceable driver
Flicker	Flicker factor <3%

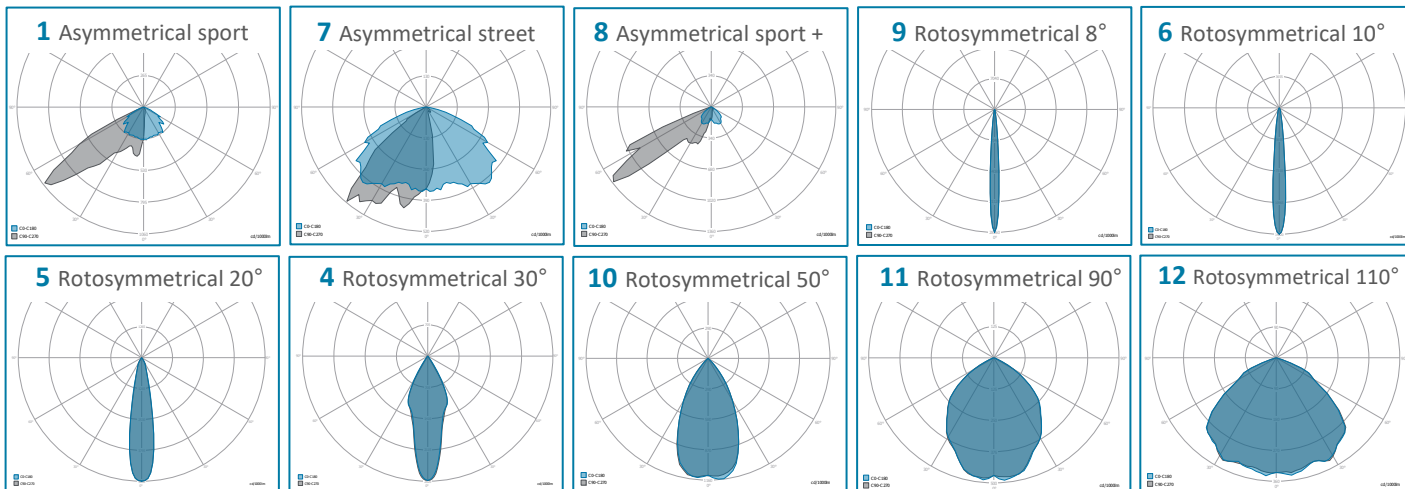
MECHANICAL FEATURES

Body	Die-cast aluminum EN AB 44300
Copper content	Less than 0,1%
Total weight	see specifications sheet 2/3
Area exposed to the wind	see specifications sheet 2/3
Ingress protection	IP66
Shock protection	IK08
Diffuser	4 mm extra clear tempered glass
External screws	A2 stainless steel
Mounting	Floodlight bracket
Bracket material	Galvanized and painted steel

LED MODULE FEATURES

Color temperature	4000 K (3000 K 5700 K on request)
Color rendering index	> 70 (CRI 80 and 90 on request)
Lifetime L90B10	> 217.000 h (25°C T amb)
Lifetime L90-TM21	> 72.600 h (25°C T amb)
Optical system	Reflection optics

AVAILABLE OPTICS



Visit www.ariannaled.com for the complete list of certified products.

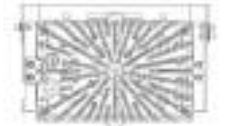
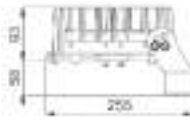
Flux and power data are corresponding to typical values referring to ambient temperature (Ta) equal to 25° C or 77° F with tolerance ± 7%
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Technical Data Sheet

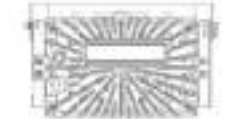
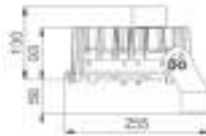
1/2 MODULE VERSION



Weight	6,5 kg
Area exposed to the wind	0,10 - 0,05 - 0,03 m ²

CODE	OPTIC	CCT-CRI	FLUX (lm) @4000k	POWER (W)	EFFICIENCY (lm/W)
PET0098FY00**G00FE	*01-07-08	4000K-CRI70	10600	72	147
PET0134FY00**G00FE	*01-07-08	4000K-CRI70	14400	97	148
PET0107FV00**G00FE	*04-10-11-12	4000K-CRI80	10700	72	148
PET0141FV00**G00FE	*04-10-11-12	4000K-CRI80	14100	96	147
PET0088FY00**G00FE	*05-06-09	4000K-CRI70	9700	74	131
PET0126FY00**G00FE	*05-06-09	4000K-CRI70	13800	115	120

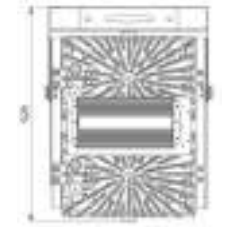
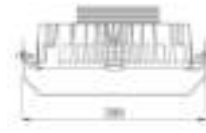
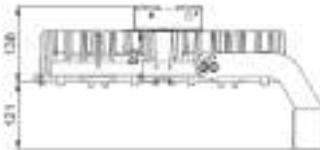
1 MODULE VERSION



Weight	7,0 kg
Area exposed to the wind	0,10 - 0,05 - 0,03 m ²

CODE	OPTIC	CCT-CRI	FLUX (lm) @4000k	POWER (W)	EFFICIENCY (lm/W)
PET0207FY00**G01FE	*01-07-08	4000K-CRI70	20800	139	150
PET0256FY00**G01FE	*01-07-08	4000K-CRI70	30600	207	148
PET0196FV00**G01FE	*04-10-11-12	4000K-CRI80	21300	144	148
PET0242FV00**G01FE	*04-10-11-12	4000K-CRI80	29000	196	148
PET0186FY00**G01FE	*05-06-09	4000K-CRI70	20400	155	131
PET0260FY00**G01FE	*05-06-09	4000K-CRI70	28400	237	120

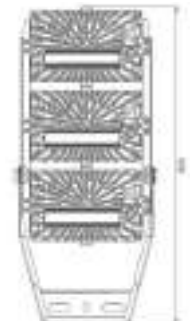
2 MODULES VERSION



Weight	14,0 kg
Area exposed to the wind	0,20 - 0,05 - 0,06 m ²

CODE	OPTIC	CCT-CRI	FLUX (lm) @4000k	POWER (W)	EFFICIENCY (lm/W)
PET0415FY00**G02FE	*01-07-08	4000K-CRI70	44800	301	148
PET0513FY00**G02FE	*01-07-08	4000K-CRI70	59500	403	148
PET0393FV00**G02FE	*04-10-11-12	4000K-CRI80	44900	303	148
PET0485FV00**G02FE	*04-10-11-12	4000K-CRI80	59500	404	147
PET0390FY00**G02FE	*05-06-09	4000K-CRI70	42600	355	120
PET0521FY00**G02FE	*05-06-09	4000K-CRI70	56800	473	120

3 MODULES VERSION



Weight	21,0 kg
Area exposed to the wind	0,29 - 0,05 - 0,08 m ²

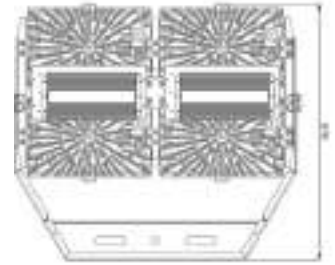
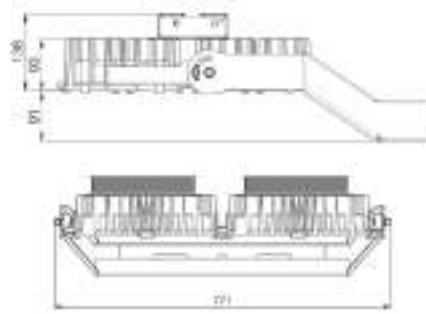
CODE	OPTIC	CCT-CRI	FLUX (lm) @4000k	POWER (W)	EFFICIENCY (lm/W)
PET0623FY00**G03FE	*01-07-08	4000K-CRI70	74800	505	148
PET0770FY00**G03FE	*01-07-08	4000K-CRI70	95400	654	146
PET0589FY00**G03FE	*04-05-06-09	4000K-CRI70	71000	585	121
PET0727FY00**G03FE	*04-05-06-09	4000K-CRI70	85200	703	121

PETRARCA 2.0

Technical Data Sheet

4 MODULES VERSION

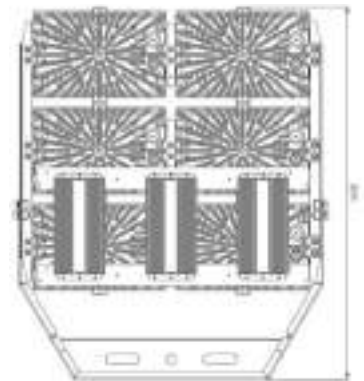
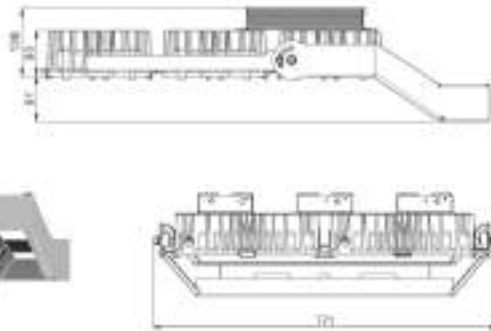
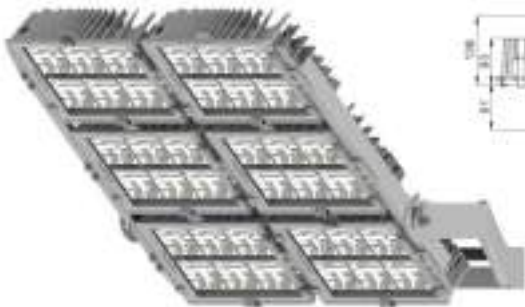
Unit of measurement: mm



Weight	24,0 kg
Driver weight	5,0 kg
Area exposed to the wind	0,36 – 0,10 - 0,06 m ²

CODE	OPTIC	CCT-CRI	FLUX (lm) @4000k	POWER (W)	EFFICIENCY (lm/W)
PET0831FY00**G04FE	*01-07-08	4000K-CRI70	113200	771	147
PET1027FY00**G04FE	*01-07-08	4000K-CRI70	129500	882	147
PET0785FY00**G04FE	*04-05-06-09	4000K-CRI70	99300	811	122
PET0970FY00**G04FE	*04-05-06-09	4000K-CRI70	113600	926	123

6 MODULES VERSION



Weight	33,0 kg
Driver weight	7,0 kg
Area exposed to the wind	0,54 - 0,09 - 0,10 m ²

CODE	OPTIC	CCT-CRI	FLUX (lm) @4000k	POWER (W)	EFFICIENCY (lm/W)
PET1246FY00**G06FE	*01-07-08	4000K-CRI70	149800	999	150
PET1540FY00**G06FE	*01-07-08	4000K-CRI70	193200	1313	147
PET1178FY00**G06FE	*04-05-06-09	4000K-CRI70	142000	1159	122
PET1455FY00**G06FE	*04-05-06-09	4000K-CRI70	181100	1518	119

ACCESSORIES

DESCRIPTION	½ MOD	1 MOD	2 MOD	3 MOD	4 MOD	6 MOD
LASER BEAM ADAPTER	ACC0008	ACC0008	ACC0008	ACC0008	ACC0008	ACC0008
ANTI-GLARE SCREEN	ACC0009	ACC0009	2x ACC0009	3x ACC0009	ACC0010	ACC0015
DRIVER COVER			ACC0011	ACC0011	ACC0012	ACC0012
SHELTER + CABLE + STEEL CONDUIT			ACC0013	ACC0013	ACC0014	ACC0014



Invalid size for definitive designs.

PETRARCA																											
POSITION 1,2,3	PRODUCT FAMILY							P E T	Petrarca																		
POSITION 4,5,6,7	FLUX (*)							1 2 3 4	123 400 lm																		
POSITION 8	POWER SUPPLY PROGRAM							F	Fixed with 1-10 V (standard)																		
								P	Standard night Cycle																		
								D	DALI																		
								X	DMX																		
POSITION 9	CCT + CRI							X	3000K – CRI 70 (K=0.91)																		
								W	3000K – CRI 80 (K=0.86)																		
								Y	4000K – CRI 70 (K=1)																		
								V	4000K – CRI 80 (K=0.9)																		
								Z	5700K – CRI 70 (K=1)																		
								T	5700K – CRI 80 (K=0.9)																		
								N	5700K – CRI 90 (K=0.78)																		
POSITION 10,11	ELECTRICAL SAFETY CLASS AND VOLTAGE							00	Class I – 220 V ac																		
								02	Class II – 220 V ac (only for Petrarca 1 and 2 modules)																		
								03	Class I – 380 V ac (only for Petrarca 4 and 6 modules)																		
POSITION 12,13	OPTIC							01	Asymmetric Sport																		
								04	Rotosymmetric 30°																		
								05	Rotosymmetric 20°																		
								06	Rotosymmetric 10°																		
								07	Asymmetric Street																		
								08	Asymmetric Sport +																		
								09	Rotosymmetric 8°																		
								10	Rotosymmetric 50°																		
								11	Rotosymmetric 90°																		
								12	Rotosymmetric 110°																		
								POSITION 14	COLOUR							G	Grey										
								POSITION 15,16	NB. OF MODULES							06	6 modules										
POSITION 17	FIXING MODE/APPLICATION							F	Floodlight																		
POSITION 18	DRIVER POSITION							E	External, on board																		
								Y	Pole base IP66 (only for Petrarca 4 and 6 modules)																		

EXAMPLE: Petrarca 6 modules, grey,145.500 lm – 4000K CRI 70, optic Roto 30° external driver

COD	P	E	T	1	4	5	5	D	Y	0	0	0	4	G	0	6	F	E
POS.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

The resulting code is: **PET1455DY0004G06FE**

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