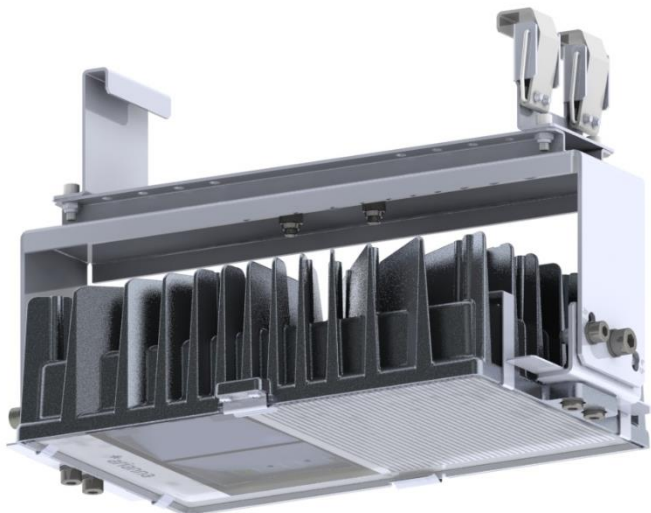


# PETRARCA TUNNEL

## Technical Data Sheet



### PRODUCT FEATURES

<b>Voltage</b>	220+240 V ac
<b>Frequency</b>	50/60 Hz
<b>Electrical safety class</b>	I - II
<b>Night – time dimming</b>	Optional
<b>Control system</b>	Optional
<b>Service environment temperature</b>	-40° ÷ +40°
<b>Storage room temperature</b>	-40° ÷ +80°
<b>Driving current</b>	200 mA < I <sub>f</sub> < 750 mA
<b>Certifications</b>	CE, RoHS, EN60598-1, EN6059-2-3
<b>System efficiency</b>	Until 135 lm/W
<b>Surge protection</b>	8 kV com - 6 kV diff
<b>Warranty*</b>	5 years

### MECHANICAL FEATURES

<b>Body</b>	Die-cast aluminum EN 44300
<b>Total weight</b>	18 Kg
<b>Exposed wind area</b>	0,29 m <sup>2</sup>
<b>Ingress protection</b>	IP66
<b>Shock protection</b>	IK08
<b>Painting</b>	Polyester powder paint
<b>Gasket</b>	Dispensed PU foam gasket
<b>Color</b>	Grey
<b>Diffuser</b>	Glass tempered extra clear 5 mm
<b>External screws</b>	A2 stainless steel
<b>Brackets</b>	AISI 304 stainless steel
<b>Mounting</b>	Wall or ceiling mounting; tool-less cable tray mounting (opzional)

### DRIVER FEATURE

<b>Minimum efficiency</b>	90%
<b>Driver</b>	1 - 10 V or DALI
<b>Power factor (full-load)</b>	> 0,95
<b>Total Harmonic Distortion</b>	< 15%
<b>Lifetime</b>	> 100.000 hours
<b>Power supply failure rate for 50,000 hours</b>	< 10%
<b>IP driver compartment</b>	IP66

### LED MODULE FEATURE

<b>LED</b>	Power LED
<b>Color temperature</b>	4000 K (5700 K opzional)
<b>Color rendering index</b>	> 70
<b>LED modules' luminous efficiency with optical system @CRI70 4000K* Tc85°C/I=700mA</b>	144 lm/W
<b>LED modules' luminous efficiency without optical system @CRI70 4000K* Tc85°C/I=700mA</b>	164 lm/W
<b>LEDs' chromatic positioning</b>	Step di McAdam ≤ 5
<b>Lifetime L80B10</b>	> 100.000 hours (25°C T amb)
<b>Optical system</b>	Multilayer reflection optics full cut-off

\*Warranty conditions shown on the [www.ariannaled.com](http://www.ariannaled.com) website

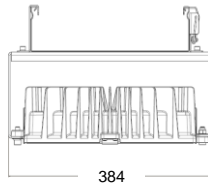
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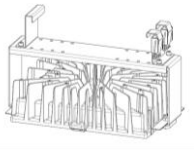
In order to facilitate continuous updating of products Arianna spa reserves the right to make changes without notice

# PETRARCA TUNNEL

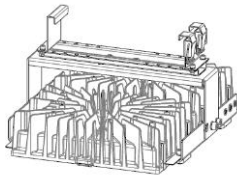
## Technical Data Sheet



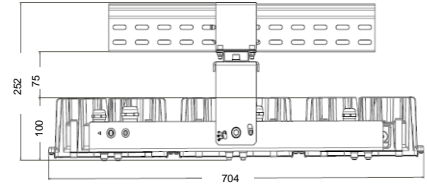
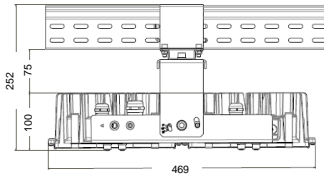
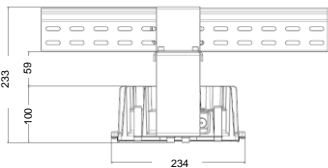
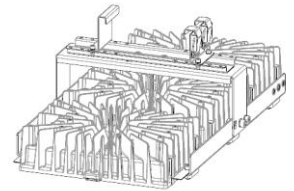
### 1 MODULE



### 2 MODULES

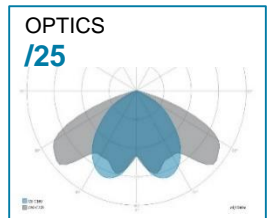
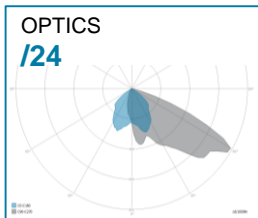
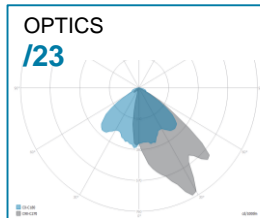
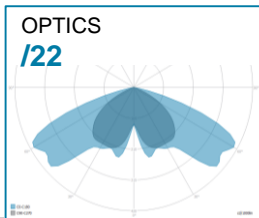
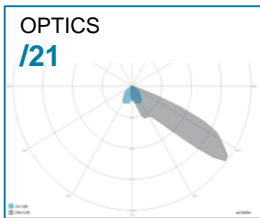


### 3 MODULES



Unit of measurement: mm

### OPTICS



### ASYMMETRIC OPTICS 21-23-24

CODE	MOD	FLUX (lm) @4000k	POWER (W)	EFFICIENCY (lm/W)
PET0033TR0021G01F	1	3300	25	132
PET0045TR0021G01F	1	4500	36	125
PET0067TR0021G02F	1	6700	49	137
PET0091TR0021G02F	1	9100	70	130
PET0136TR0021G03F	1	13600	104	131
PET0182TR0021G04F	2	18200	138	132
PET0227TR0021G05F	2	22700	172	132
PET0272TR0021G06F	2	27200	205	133
PET0318TR0021G07F	3	31800	243	131
PET0363TR0021G08F	3	36300	278	131
PET0409TR0021G09F	3	40900	313	131
PET0454TR0021G10F	3	45400	348	130

### SYMMETRIC OPTICS 22-25

CODE	MOD	FLUX (lm) @4000k	POWER (W)	EFFICIENCY (lm/W)
PET0033TR0022G02F	1	3300	25	132
PET0045TR0022G02F	1	4500	36	125
PET0067TR0022G02F	1	6700	49	137
PET0091TR0022G02F	1	9100	70	130
PET0136TR0022G02F	1	13600	104	131

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