

# PETRARCA INDUSTRIAL

## Technical Data Sheet



### PRODUCT FEATURES

<b>Control system</b>	F - Fixed (standard) D - DALI 2
<b>Service environment temperature</b>	-30° ÷ +50°C
<b>Storage room temperature</b>	-40° ÷ +80°C
<b>Certifications</b>	CE, RoHS, EN60598-1, EN60598-2-5

### DRIVER FEATURE

<b>Voltage</b>	220÷240 V ac
<b>Frequency</b>	50/60 Hz
<b>Electrical safety class</b>	I
<b>Power factor (full-load)</b>	> 0,9
<b>Failure rate</b>	<10% for 100.000 h
<b>Substitutability</b>	External replaceable driver
<b>Flicker</b>	Flicker factor <3%
<b>Surge protection</b>	10 kV com – 6 kV dif

### MECHANICAL FEATURES

<b>Body</b>	Die-cast aluminum with low copper rate (<1%)
<b>Copper content</b>	Less than 0,1%
<b>Total weight</b>	6.5 kg
<b>Area exposed to the wind</b>	0,10 - 0,05 - 0,03 m <sup>2</sup>
<b>Ingress protection</b>	IP66
<b>Shock protection</b>	IK08
<b>Diffuser</b>	5 mm extra clear tempered glass
<b>External screws</b>	Stainless steel A2
<b>Mounting</b>	Suspended Projector Wall mounting

### LED MODULE FEATURE

<b>Color temperature</b>	4000K (other CCT are optional)
<b>Color rendering index</b>	> 80
<b>Lifetime L80B10</b>	> 100.000 h (25°C T amb)
<b>Optical system</b>	Reflective optics

Visit [www.ariannaled.com](http://www.ariannaled.com) for the complete list of certified products.

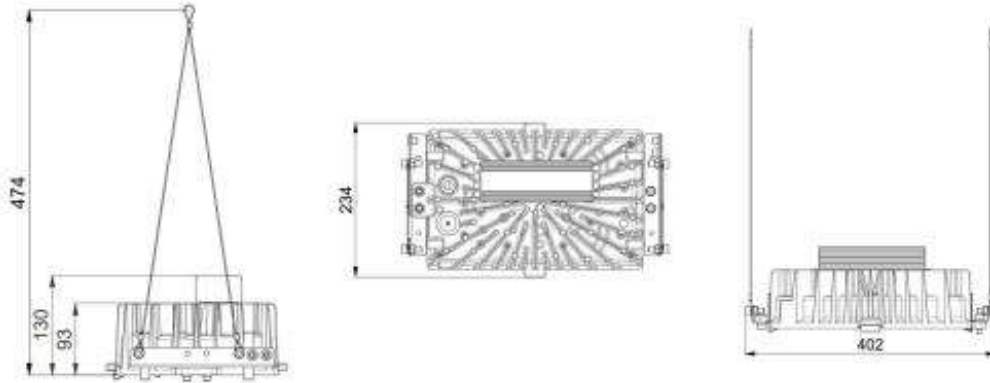
Flux and power data are corresponding to typical values referring to ambient temperature (Ta) equal to 25° C or 77° F with tolerance ± 7%  
In order to facilitate continuous updating of products Arianna spa reserves the right to make changes without notice

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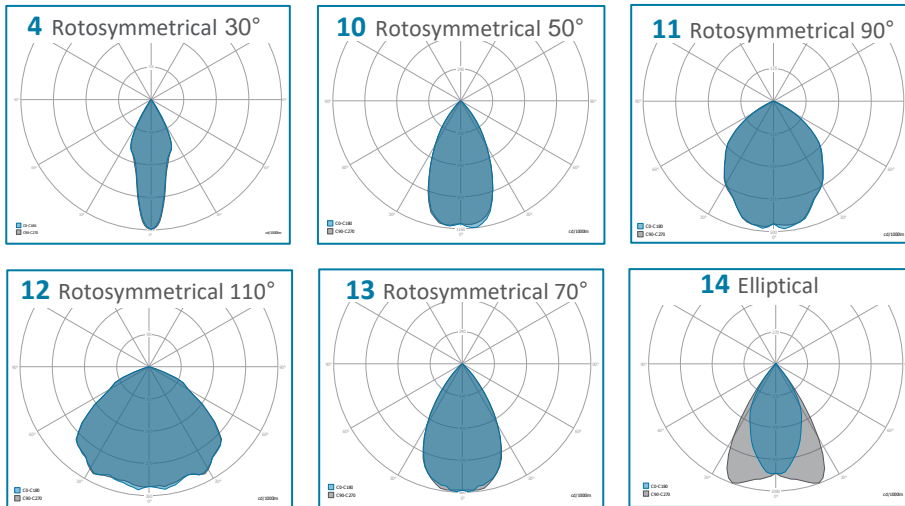
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### DIMENSIONS



### AVAILABLE OPTICS



### TECHNICAL DATA

Standard version    \*\*04-10-11-12-13-14

DALI2 version    \*\*04-10-11-12-13-14

CODE	FLUX (lm) @4000k	POWER (W)	EFFICIENCY (lm/W)
PET0140FV00**G00HE	14300	96	149
PET0180FV00**G01HE	18200	122	149
PET0210FV00**G01HE	21400	144	149
PET0300FV00**G01HE	30300	205	148

CODE	FLUX (lm) @4000k	POWER (W)	EFFICIENCY (lm/W)
PET0140DV00**G00HE	14300	96	149
PET0180DV00**G01HE	18200	122	149
PET0210DV00**G01HE	21400	144	149
PET0300DV00**G01HE	30300	205	148

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### Code structure

POSITION 1,2,3	PRODUCT FAMILY	P E T	Petrarca
POSITION 4,5,6,7	FLUX	<b>1 2 3 4</b>	123 400 lm
POSITION 8	POWER SUPPLY PROGRAM	<b>F</b>	Fixed (standard)
		<b>D</b>	DALI2
POSITION 9	CCT + CRI	<b>V</b>	4000K – CRI 80
		<b>T</b>	5700K – CRI 80
		<b>N</b>	5700K – CRI 90
POSITION 10,11	INSULATION CLASS AND VOLTAGE	<b>00</b>	Class I – 220 V ac
POSITION 12,13	OPTIC	<b>04</b>	Optic 30°
		<b>10</b>	Optic 50°
		<b>11</b>	Optic 90°
		<b>12</b>	Optic 110°
		<b>13</b>	Optic 70°
		<b>14</b>	Elliptic optic
POSITION 14	COLOR	<b>G</b>	Grey
POSITION 15,16	NB. MODULES	<b>01</b>	1 module
		<b>H</b>	High bay
POSITION 17	FIXING MODE/APPLICATION	<b>F</b>	Projector
		<b>C</b>	Wall mounting
POSITION 18	DRIVER POSITION	<b>E</b>	External on board

**EXAMPLE: Petrarca DALI 6 modules, grey, 21.000 lm – 4000K CRI 80, with 50° rotosymmetrical optic and external driver**

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

The resulting code is: **PET0210DV0010G01HE**

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