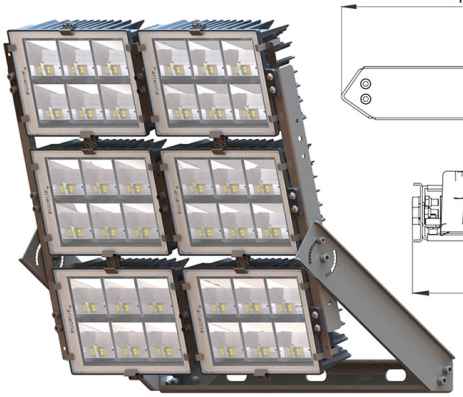
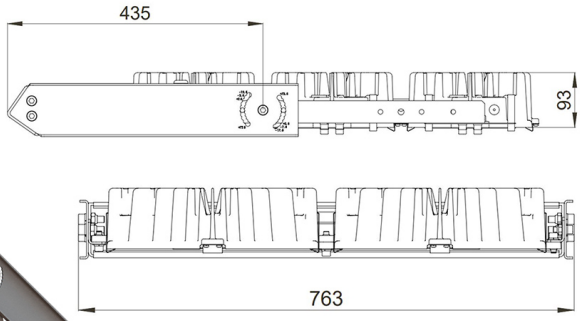
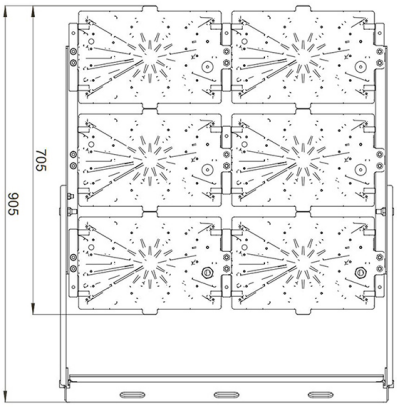
# PETRARCA

CODE: **PET1246DT0307G06FX**

*Technical Data Sheet*






## PRODUCT FEATURES

| | |
|---|---|
| **Voltage** | 380÷400 V ac |
| **Frequency** | 50/60 Hz |
| **Electrical safety class** | I |
| **Power supply** | DALI |
| **Driving current** | 525 mA |
| **Service environment temperature** | -30° ÷ +50° C |
| **Storage room temperature** | -40° ÷ +80° C |
| **Certifications** | ENEC, CE, RoHS, EN60598-1, EN60598-2-5 |
| **Surge protection** | 10 kV (10 kA max) |

## MECHANICAL FEATURES

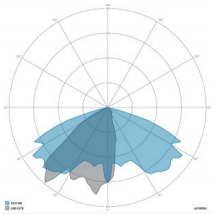
| | |
|---|---|
| **Body** | Die-cast aluminum EN AB 44300 |
| **Copper content** | < 0,1% |
| **Total weight with driver** | 40 Kg |
| **Total weight without driver** | 33 Kg |
| **Ingress protection** | IP66 |
| **Shock protection** | IK08 |
| **Diffuser** | Glass tempered extra clear 4 mm |
| **External screws** | A2 stainless steel |
| **Cable entry** | Maximum diameter 14 mm |
| **Mounting** | Floodlight bracket |

## DRIVER FEATURES

| | |
|---|---|
| **Power factor (full-load)** | > 0,90 |
| **Failure rate** | < 10% at 100.000 h |
| **Substitutability** | External replaceable driver |
| **Driver position** | POLE BASE IP20 |
| **Flicker factor** | < 3% |

## LED MODULE FEATURES

| | |
|---|---|
| **LED** | Ceramic based power LED |
| **Module Efficiency** | up to 170 lm/W |
| **Color temperature** | 5700 K |
| **Color rendering index** | > 80 |
| **L90B10** | > 217.000 h |
| **L90 (TM-21)** | > 72.600 h |
| **Optical system** | Reflection optics |



**OPTICS**: 7-STREET ASYMMETRICAL

| CODE | FLUX [lm] | POWER [W] | EFFICIENCY [lm/W] |
|---|---|---|---|
| PET1246DT0307G06FX | 112230 | 898 | 125 |

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 tollerance ± 7%.
In order to facilitate continuous updating of products Arianna spa reserves the right to make changes without notice.

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