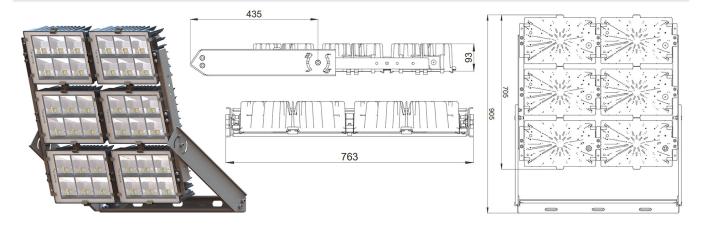


# CODE: **PET1246FZ0303G06FY**

# Technical Data Sheet



### **PRODUCT FEATURES**

| Voltage                                       | 380÷400 V ac                              |  |  |  |
|---|---|--|--|--|
| Frequency                                     | 50/60 Hz                                  |  |  |  |
| Electrical safety class                       | I   |  |  |  |
| Power supply                                  | FIXED 1-10V                               |  |  |  |
| Driving current                               | 525 mA                                    |  |  |  |
| Service environment temperature -30° ÷ +50° C |   |  |  |  |
| Storage room temperature                      | -40° ÷ +80° C                             |  |  |  |
| Certifications                                | ENEC, CE, RoHS, EN60598-1,<br>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 IP66              |  |  |
| 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 | > 70                    |  |  |
| L90B10                | > 217.000 h             |  |  |
| L90 (TM-21)           | > 72.600 h              |  |  |
| Optical system        | Reflection optics       |  |  |



| CODE               | FLUX   | POWER | EFFICIENCY |
|--------------------|--------|-------|------------|
|                    | [lm]   | [W]   | [lm/W]     |
| PET1246FZ0303G06FY | 124700 | 898   | 139        |

 $\label{thm:complete} \mbox{ Visit www.ariannaled.com for the complete list of certified products. }$ 

Flux and power data are corresponding to typical values referring to ambient temperature (Ta) equal to  $25^{\circ}$  C or  $77^{\circ}$  F with tollerance  $\pm$  7%. In order to facilitate continuous updating of products Arianna spa reserves the right to make changes without notice.