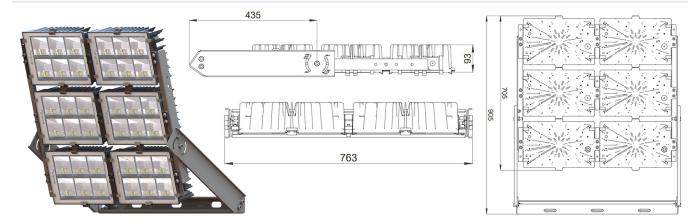


## CODE: PET1246DN0301G06FX

# 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,<br>EN60598-2-5 |
| Surge protection                | 10 kV (10 kA max)                         |

#### **MECHANICAL FEATURES**

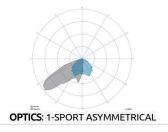
| Body                        | Die-cast aluminum EN AB 44300   |  |  |
|-----------------------------|---------------------------------|--|--|
| Copper content              | < 0,1%                          |  |  |
| Total weight with driver    | 40 Kg                           |  |  |
| Total weight 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 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 | > 90                    |  |  |
| L90B10                | > 217.000 h             |  |  |
| L90 (TM-21)           | > 72.600 h              |  |  |
| Optical system        | Reflection optics       |  |  |



| CODE               | FLUX  | POWER | EFFICIENCY |
|--------------------|-------|-------|------------|
|                    | [lm]  | [W]   | [lm/W]     |
| PET1246DN0301G06FX | 97266 | 898   | 108        |

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

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.