

CODE: PET0831DN0002G04FE



### PRODUCT FEATURES

|                                 |                                        |
|---------------------------------|----------------------------------------|
| Voltage                         | 220÷240 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

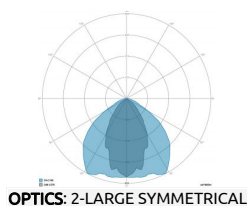
|                             |                                   |
|-----------------------------|-----------------------------------|
| Body                        | Die-cast aluminum EN AB 44300     |
| Copper content              | < 0,1%                            |
| Total weight with driver    | 28.5 Kg                           |
| Total weight without driver | 23.4 Kg                           |
| Area exposed to the wind    | 0,36 – 0,10 - 0,06 m <sup>2</sup> |
| 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          | EXTERNAL                    |
| 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<br>[lm] | POWER<br>[W] | EFFICIENCY<br>[lm/W] |
|--------------------|--------------|--------------|----------------------|
| PET0831DN0002G04FE | 64818        | 599          | 108                  |

Visit [www.ariannaed.com](http://www.ariannaed.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.