

CODE: PET0831DX0003G04FE



### PRODUCT FEATURES

|  |  |
|--|--|
| <b>Voltage</b>                         | 220÷240 V ac                           |
| <b>Frequency</b>                       | 50/60 Hz                               |
| <b>Electrical safety class</b>         | I                                      |
| <b>Power supply</b>                    | DALI                                   |
| <b>Driving current</b>                 | 525 mA                                 |
| <b>Service environment temperature</b> | -30° ÷ +50° C                          |
| <b>Storage room temperature</b>        | -40° ÷ +80° C                          |
| <b>Certifications</b>                  | ENEC, CE, RoHS, EN60598-1, EN60598-2-5 |
| <b>Surge protection</b>                | 10 kV (10 kA max)                      |

### MECHANICAL FEATURES

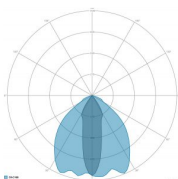
|                                    |                                   |
|------------------------------------|-----------------------------------|
| <b>Body</b>                        | Die-cast aluminum EN AB 44300     |
| <b>Copper content</b>              | < 0,1%                            |
| <b>Total weight with driver</b>    | 28.5 Kg                           |
| <b>Total weight without driver</b> | 23.4 Kg                           |
| <b>Area exposed to the wind</b>    | 0,36 – 0,10 - 0,06 m <sup>2</sup> |
| <b>Ingress protection</b>          | IP66                              |
| <b>Shock protection</b>            | IK08                              |
| <b>Diffuser</b>                    | Glass tempered extra clear 4 mm   |
| <b>External screws</b>             | A2 stainless steel                |
| <b>Cable entry</b>                 | Maximum diameter 14 mm            |
| <b>Mounting</b>                    | Floodlight bracket                |

### DRIVER FEATURES

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

### LED MODULE FEATURES

|                              |                         |
|------------------------------|-------------------------|
| <b>LED</b>                   | Ceramic based power LED |
| <b>Module Efficiency</b>     | up to 170 lm/W          |
| <b>Color temperature</b>     | 3000 K                  |
| <b>Color rendering index</b> | > 70                    |
| <b>L90B10</b>                | > 217.000 h             |
| <b>L90 (TM-21)</b>           | > 72.600 h              |
| <b>Optical system</b>        | Reflection optics       |



OPTICS: 3-NARROW SYMMETRICAL

| CODE               | FLUX [lm] | POWER [W] | EFFICIENCY [lm/W] |
|--------------------|-----------|-----------|-------------------|
| PET0831DX0003G04FE | 75621     | 599       | 126               |

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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.