



**SERIES TIGUA  
FLOODLIGHT  
CODE 837213**



Model Code : TIGUA TF1-TG-40-36-D-000-000-70-40-1100-AW23-000



### Datasheet

#### Lighting characteristics

|                                      |  |
|--------------------------------------|--|
| Output flux                          | 16,900 lm  |
| Luminous flux (T <sub>J</sub> =25°C) | 20,280 lm  |
| Luminaire power                      | 130 W  |
| Output efficiency                    | 130 lm/W   |
| Color temperature                    | 4000K  |
| Optics type                          | Anti aging and UV resistant PMMA Lenses with efficiency >90% and transparency >95%     |
| Optics                               | Asymmetric wide 23°  |
| CRI                                  | CRI >= 70 (typical - tolerances according to EN62717)                                  |
| Color shift                          | 4 MacAdam Step   |
| Photobiological risk EN 62471        | RG0 - Exempt Group   |
| UGR index                            | -  |
| Flicker free                         | < 1%   |
| Life time                            | L90/B10 @110.000h T <sub>q</sub> =-30°+40°C,<br>L90 B10 @230.000h T <sub>q</sub> =25°C |
| Emergency function                   | -  |
| Emergency flux                       | -  |

#### Electrical characteristics

|                        |                                       |
|------------------------|---------------------------------------|
| Insulation Class       | I                                     |
| Supply Voltage         | 220V-240V 50/60Hz                     |
| Control system/dimming | Standard on-off                       |
| Surge protection       | 8kV common mode 6kV differential mode |
| Power factor           | >0,95                                 |
| Hole type              | 2 poles connector                     |
| Tightening diameter    | Min 7 mm; Max 13 mm                   |

Equipment Included Connector



**reddot award  
winner**

#### Mechanical characteristics

|                           |  |
|---------------------------|--|
| Manufacturing material    | Marine aluminium alloy (EN 44300)                |
| Treatment type            | Fluorozirconic passivation                       |
| Surface finishing         | Atoxic, anti UV polyester paint oven polymerized |
| Colour                    | Grey RAL 7011                                    |
| Diffuser type             | Extraclear tempered glass 4 mm                   |
| IP Protection degree      | IP66   |
| Shock resistance          | IK08 according to IEC/EN 62262                   |
| Corrosivity category      | Equivalent to C5(M)/C4(H) (ISO 12944)            |
| Mounting system           | Adjustable bracket -135° + 135°                  |
| Net Weight                | 6.19 KG  |
| Working Environment Temp. | Min: -40°C ;Max: +40°C                           |
| Warehousing Temperature   | Min: -40°C ;Max: +70°C                           |
| Exposed surface           | Lateral: 0,03 m2 - Front: 0,13 m2                |

#### Reference Standards and Directives

|                                  |   |
|----------------------------------|---|
| Warranty                         | 2 years extendable to 7   |
| Certification and approval marks | DIN 18032-3/EN 13964 (Annex D), CE, UKCA, ENEC 05   |
| Directives                       | 2009/125/EC (ERP), 2011/65/EU (RoHS), 2012/19/EU (WEEE), 2014/30/EU (EMC), 2014/35/EU (LVD), Reg. EU 2019/2020 (EcoDesign)  |
| Reference Standards              | EN 60598-2-5:2015, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61547:2009, EN 62311:2008, EN 62471:2008, EN 62493:2015, EN IEC 55015:2019, EN IEC 55015:2019/A11:2020, EN IEC 60598-1:2021, EN IEC 60598-1:2021/A11:2022, EN IEC 63000:2018, IEC TR 62778:2014 |

The images are purely indicative. The indicated values of luminous flux and declared power have tolerances of +/- 7%. Palazzoli reserves the right to make changes without notice.