



**SERIES TIGUA  
FLOODLIGHT**  
**CODE 837225**



Model Code : TIGUA TF1-TG-40-24-C-000-000-70-40-0650-AW23-000

### Datasheet

#### Lighting characteristics

|                               |                                                                                   |
|-------------------------------|-----------------------------------------------------------------------------------|
| Output flux                   | 24,252 lm                                                                         |
| Luminous flux (TJ=25°C)       | 30,004 lm                                                                         |
| Luminaire power               | 188 W                                                                             |
| Output efficiency             | 129 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 @230.000h Tq=25°C, L90/B10 @110.000h Tq=-30°+40°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                     |
| Max conductor section  | 1.5 mm²                               |
| 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                | 7.07 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 | CE, ENEC 05, DIN 18032-3/EN 13964 (Annex D), UKCA                                                                                                                                                                                                           |
| 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.