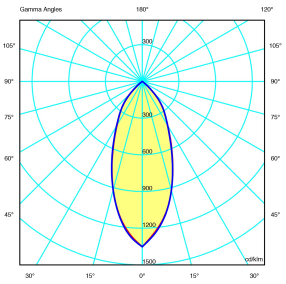
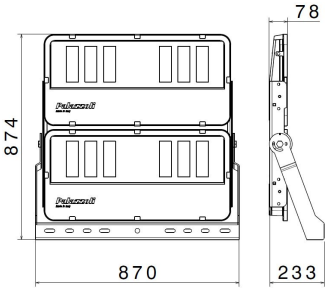
# X-TIGUA FLOODLIGHT DALI 144LED 884W SYMMETRICAL OPTICS 36° IP66

**SERIES X-TIGUA FLOODLIGHT**

**CODE 838114DA**








Model Code : X-TIGUA FLO XTF-XXL1-TGL-35-144-DAL-80-40-525-SN36-000

## Datasheet

### Lighting characteristics

| | |
|---|---|
| Output flux | 125,528 lm |
| Luminous flux (TJ=25°C) | 150,634 lm |
| Luminaire power | 884 W |
| Output efficiency | 142 lm/W |
| Color temperature | 4000K |
| Optics type | Anti aging and UV resistant PMMA Lenses with efficiency>90% and transparency >95% |
| Optics | Simmetrica concentrante comfort 36° |
| 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 | Obtainable with UPS/DALI |
| Emergency flux | - |

### 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 -110°+110° |
| Net Weight | 35 KG |
| Working Environment Temp. | Min: -40°C ;Max: +35°C |
| Warehousing Temperature | Min: -40°C ;Max: +70°C |
| Exposed surface | Lateral: 0,15 m2 - Front: 0,65 m2 |

### Electrical characteristics

| | |
|---|---|
| Insulation Class | I |
| Supply Voltage | 220-240Vac/dc 0/50/60Hz |
| Control system/dimming | DALI |
| Surge protection | 10kV common mode 6kV differential mode |
| Power factor | >0,95 |
| Hole type | 5 poles connector |
| Max conductor section | 2.5 $mm^2$ |
| Tightening diameter | Min 7 mm; Max 13 mm |

### Reference Standards and Directives

| | |
|---|---|
| Warranty | 2 years extendable to 7 |
| Certification and approval marks | UKCA, ENEC 05, CE |
| 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 55015:2013, EN 60598-1:2015, EN 60598-1:2015/A1:2018, EN 60598-1:2015/AC:2015, EN 60598-1:2015/AC:2016, EN 60598-1:2015/AC:2017, EN 60598-2-1:1989, EN 60598-2-22:2014, EN 60598-2-22:2014/A1:2020, EN 60598-2-22:2014/AC:2015, EN 60598-2-22:2014/AC:2016-05, EN 60598-2-22:2014/AC:2016-09, 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 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.

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