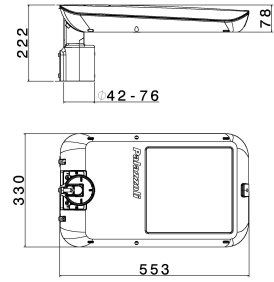
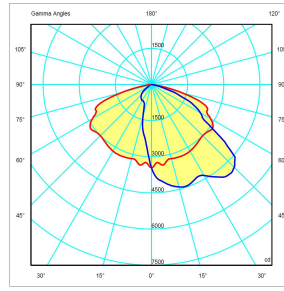




**SERIES FIT 55**  
**ROADWAY LIGHT**  
**CODE 834510MV**



Model Code : FIT 55 F55-M2-TGL-40-70-VMN-70-40-0420-ST2-LD-000

### Datasheet

#### Lighting characteristics

|                               |                                                       |
|-------------------------------|-------------------------------------------------------|
| Output flux                   | 14,111 lm                                             |
| Luminous flux (TJ=25°C)       | 16,933 lm                                             |
| Luminaire power               | 91.5 W                                                |
| Output efficiency             | 154 lm/W                                              |
| Color temperature             | 4000K                                                 |
| Optics type                   | Ultra bright aluminium 99,9% reflector                |
| Optics                        | Street wide AM                                        |
| CRI                           | CRI >= 70 (typical - tolerances according to EN62717) |
| Color shift                   | 4 MacAdam Step                                        |
| Photobiological risk EN 62471 | RG0 - Exempt Group                                    |
| Flicker free                  | < 1%                                                  |
| Life time                     | L80 B10 @150.000H Tq=25°C                             |

#### Mechanical characteristics

|                           |                                                  |
|---------------------------|--------------------------------------------------|
| Manufacturing material    | Aluminum alloy                                   |
| 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           | Fixing pole D42-76mm with adjustment -20°/+20°   |
| Net Weight                | 7.5 KG                                           |
| Working Environment Temp. | Min: -40°C ;Max: +40°C                           |
| Warehousing Temperature   | Min: -40°C ;Max: +70°C                           |
| Exposed surface           | Lateral: 0,04 m2 - Front: 0,18 m2                |

#### Electrical characteristics

|                        |                                        |
|------------------------|----------------------------------------|
| Insulation Class       | II                                     |
| Supply Voltage         | 220V-240V 50/60Hz                      |
| Control system/dimming | Midnight bilevel                       |
| Surge protection       | 10kV common mode 6kV differential mode |
| Power factor           | >0,95                                  |
| Hole type              | M20                                    |
| Tightening diameter    | Min 7 mm; Max 13 mm                    |
| Equipment Included     | -                                      |

#### Reference Standards and Directives

|                                  |                                                                                                                                                                                                                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Warranty                         | 2 years extendable to 7                                                                                                                                                                                                                                                                                           |
| Certification and approval marks | ENEC PLUS 03, 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 60598-2-3:2003, EN 60598-2-3:2003/A1:2011, EN 60598-2-3:2003/AC:2005, 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.