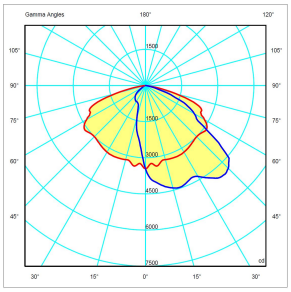
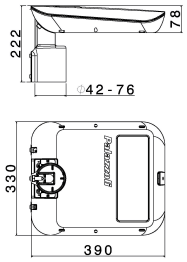
FIT 55 SERIES STREET LIGHT 28LED 37W 4000K INSULATION CLASS I MIDNIGHT BILEVEL STREET WIDE AM IP66

SERIES FIT 55
ROADWAY LIGHT
CODE 854210MV





Model Code : FIT 55 F55-S1-TGL-40-28-VMN-70-40-0450-ST2-LD-000

Datasheet

Lighting characteristics

Output flux	5,755 lm
Luminous flux (TJ=25°C)	6,906 lm
Luminaire power	37 W
Output efficiency	156 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	4.5 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

Electrical characteristics

Insulation Class	I
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
Max conductor section	2.5 mm²
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 05, CE, UKCA, ENEC PLUS 03
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.

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