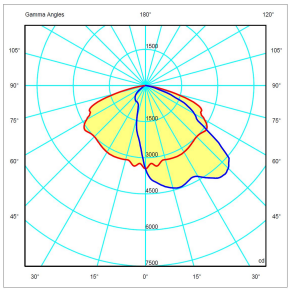
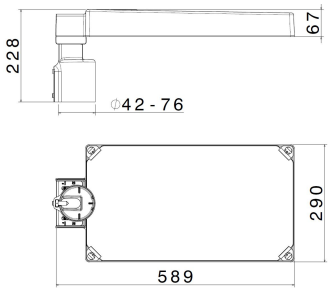
FLIGHT-M SERIES STREET LIGHT 42LED 86W 3000K WIDE STREET OPTIC IP66

SERIES FLIGHT
ROADWAY LIGHT
CODE 803370







Model Code : FLIGHT RM2-TGL-45-42-STA-00-70-30-0700-ST2-00-100-000

Datasheet

Lighting characteristics

Output flux	12,743 lm
Luminous flux (TJ=25°C)	15,292 lm
Luminaire power	86 W
Output efficiency	148 lm/W
Color temperature	3000K
Optics type	Ultra bright aluminium 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	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 5 mm
IP Protection degree	IP66
Shock resistance	IK09 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: -30°C ;Max: +40°C
Warehousing Temperature	Min: -40°C ;Max: +70°C
Exposed surface	Lateral: 0,04 m2 - Front: 0,15 m2

Electrical characteristics

Insulation Class	II
Supply Voltage	220V-240V 50/60Hz
Control system/dimming	Standard on-off
Surge protection	10kV common mode 10kV differential mode
Power factor	>0,95
Hole type	M20
Max conductor section	2.5 mm^2
Tightening diameter	Min 7 mm; Max 13 mm
Equipment Included	-

Reference Standards and Directives

Warranty	2 years extendable to 7
Certification and approval marks	CE, 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 60598-2-3:2003, 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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