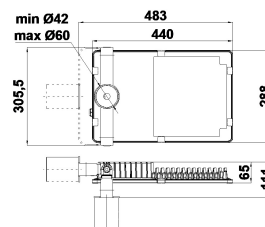
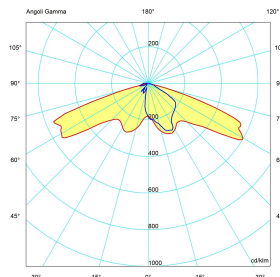




SERIES TIGUA
ROADWAY LIGHT
CODE 811962



Model Code : TIGUA LED TL-R2-GL-45-12-00-70-40-700-ST1-000



Datasheet

Lighting characteristics

Output flux	12,890 lm
Luminous flux (TJ=25°C)	15,660 lm
Luminaire power	100 W
Output efficiency	121.8 lm/W
Color temperature	4000K
Optics type	Anti aging and UV resistant PMMA Lenses with efficiency >90% and transparency >95%
Optics	Street wide AM
CRI	CRI >= 70 (typical - tolerances according to EN62717)
Color shift	5 MacAdam Step
Photobiological risk EN 62471	RG0 - Exempt Group
UGR index	-
Flicker free	< 1%
Life time	L90/B10 @110.000h Tq=-30°+40°C

Electrical characteristics

Insulation Class	II
Supply Voltage	220V-240V 50/60Hz
Control system/dimming	Remote control on request
Surge protection	8kV common mode 10kV differential mode
Power factor	>0,98
LED Driving current	700 mA
Hole type	2 poles connector
Tightening diameter	Min 7 mm; Max 13 mm

Equipment Included Connector

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	Pole fixing 42-60
Net Weight	7.1 KG
Working Environment Temp.	Min: -30°C ;Max: +45°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	ENEC 05, 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 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 60598-2-3:2003, EN 60598-2-3:2003/A1:2011, 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.