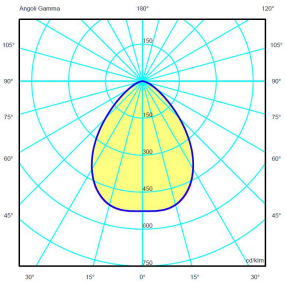
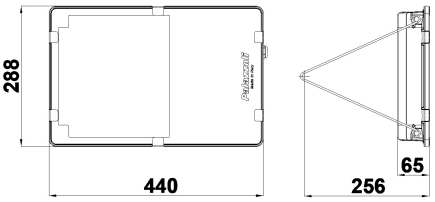
TIGUA SUSPENSION 12LEDS POLYCARBONATE DIFFUSER WIDE BEAM OPTIC IP66

SERIES TIGUA
HIGH BAY
CODE 817512







Model Code : TIGUA TS1-PC-40-12-B-V10-000-80-40-0700-SW81-000

Datasheet

Lighting characteristics

Output flux	11,944 lm
Luminous flux (TJ=25°C)	13,875 lm
Luminaire power	99 W
Output efficiency	120.6 lm/W
Color temperature	4000K
Optics type	Anti aging and UV resistant PMMA Lenses with efficiency>90% and transparency >95%
Optics	Symmetrical wide comfort 81°
CRI	>80
Color shift	4 MacAdam Step
Photobiological risk EN 62471	RG0 - Exempt Group
UGR index	<22
Flicker free	< 1%
Life time	L80/B20 @120.000h Tq=-30°+40°C
Emergency function	-
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	UV stabilized polycarbonate
IP Protection degree	IP66
Shock resistance	IK08 according to IEC/EN 62262
Corrosivity category	Equivalent to C5(M)/C4(H) (ISO 12944)
Mounting system	Double chain or busbar
Net Weight	5.39 KG
Working Environment Temp.	Min: -40°C ;Max: +40°C
Warehousing Temperature	Min: -40°C ;Max: +70°C
Exposed surface	-

Electrical characteristics

Insulation Class	I
Supply Voltage	220V-240V 50/60Hz
Control system/dimming	Dimming 1-10V
Surge protection	8kV common mode 6kV differential mode
Power factor	>0,95
Hole type	5 poles connector
Max conductor section	1.5 mm^2
Tightening diameter	Min 7 mm; Max 13 mm

Equipment Included	Connector suspension hook-

Reference Standards and Directives

Warranty	2 years extendable to 7
Certification and approval marks	DIN 18032-3/EN 13964 (Annex D), HACCP, CE, ENEC 05, 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 60598-2-5:2015, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61547:2009, EN 62311:2008, EN 62471:2008, EN 62493:2015, EN IEC 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

reddot award winner

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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