



TIGUA & X-TIGUA : HIGHBAY AND FLOODLIGHT **FROM 9,000 LM UP TO 76,000 LM**

RISK PROFILE:

- Extreme temperature variations and max temperatures +55°C
- Frequent sand storms
- High consumption of Energy
- Frequent maintenance and substitutions
- Unproper or difficult installation
- Health disturbs related to flickering
- Difficulty in selection of the products
- Corrosion

PALAZZOLI SOLUTION:

- Working temperature +55°C
- Ingress protection of IP66
- Energy saving up to 60%
- Life time of 100,000 H at 55°C
- Plug & play quick connector
- Flicker free
- Wide range from 9,000 lm up to 76,000 lm
- Body in marine alluminium alloy with passivation treatment

APPROVED
by Leading Authorities





Easy to be installed

The bracket is equipped with a goniometer and in-built grub screw, allowing the floodlight to be adjusted around -110° to $+110^\circ$. The driver, built into the luminaire, allows for fast and secure cabling.



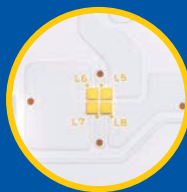
Visual comfort

A body made in aluminium alloy with low-copper content and passivation treatment and coating makes this an ideal choice for installation where chemicals are present.



Corrosion resistant

This range of optics consists of 3 symmetrical beams, 3 asymmetrical beams and 1 suited to roadway; this makes it suitable for all kinds of installations, while guaranteeing optimum visual comfort.



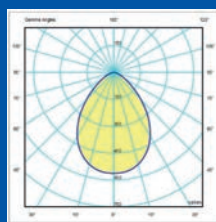
Reliable

In latest-generation LEDs, the luminous flux remains unaltered over time. X-TIGUA lasts for over 100,000 hours in ambient temperatures of $+55^\circ\text{C}$.

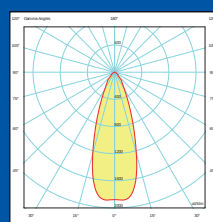
TECHNICAL INFORMATION

Body material	Low-copper aluminium alloy (EN 44300)
Surface treatment	Passivation with fluoro-zirconium treatment
Surface coating/colour	Non-toxic polyester, anti UV, kiln-polymerised coating, colour: RAL 7011
Diffuser material	Extra clear tempered glass, thickness: 4mm
Protection rating	IP66 as per IEC/EN 60598-1
Impact resistance	IK08 as per IEC/EN 62262 + IEC/TR 62696
Optics features	Non-ageing, UV-resistant PMMA lenses with $>90\%$ efficiency and $>95\%$ transparency
Actual luminaire efficiency	Up to 130 lm/W
Colour temperature	4,000K (other temperatures on request)
Colour rendering index values	CRI ≥ 80 (good - according to EN 62717 criteria)
Photobiological risk	RG0 - Exempt Group (EN 62471)
Residual flicker	$< 1\%$
Lifetime	L80 B20 @100,000H $T_a=40^\circ\text{C}$; $T_a= 55^\circ\text{C}$ (HT version)
Insulation class	II
Supply voltage	220-240V 50/60Hz
Surge protection	8 kV common mode, 6kV differential mode (EN 61000-4-5)
Power factor	≥ 0.95
Ambient functioning temp.	Min -30°C to Max $+45^\circ\text{C}$; Max $+55^\circ\text{C}$ (HT version)
Power supply	Quick connector
Max. conductor cross-section	1.5 mm ²
Wind load surface	Side M 0.04 m ² - Front M 0.18 m ² ; Side L 0.04 m ² - Front L 0.30 m ² ; Side XL 0.15 m ² - Front XL 0.4 m ²
Warranty	2 years with optional extension to 5
Ambient storage temp.	Min -40°C ; Max $+70^\circ\text{C}$
Certification and approval marks	CE, ENEC, DIN 18032-3/EN 13964
Directives	2014/30/EU (EMC), 2014/35/EU (LVD), 2011/65/EU (RoHS)
Product standards	EN 60598-1, EN 60598-2-1, EN 60598-2-5, EN 62471, EN 62493, IEC/TR 62778, EN55015, EN 61547, EN 61000-3-2, EN 61000-3-3, EN 50581, EN 13964 Annex D, EN 60598-2-24

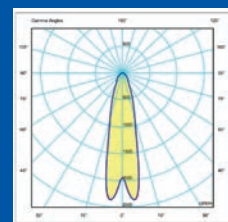
OPTICS



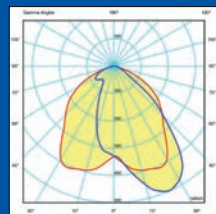
Symmetrical 81° extra wide beam



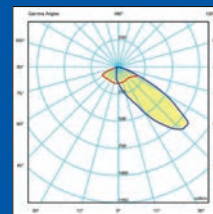
Symmetrical 36° narrow beam



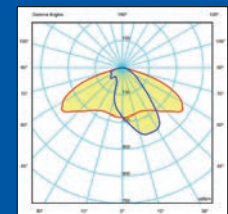
Symmetrical 18° narrow beam



Asymmetrical 23° extra wide beam



Asymmetrical 43° narrow beam



Roadway 65° wide beam

Quality Certified



CONTACT US

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