

PROJECT:	QTY:
TYPE:	CATALOG:



SYSTEM OVERVIEW

The AGILE-CORE™ Distributed Edge Architecture solution is an intelligent power distribution and control system that leverages safe DC power to reduce the total installed and operating cost of a project while providing the best IT and OT networks possible.

OVERVIEW

The powered device serves as an intermediary between the Ethernet port of the LUUM XS DC LIGHTING & POWER CONTROLLER (DCLP) and the connected LED lights or other devices, enabling power transmission and providing support for high power outputs. The XPD-P2H and XPD-T2P takes the RJ45 connection and converts it to two separate channels with a pair of positive (+) and negative (-) conductors while the XPD-T1P converts it to a single channel.

FEATURES:

- Power output of up to 120W
- May be pre-terminated to a luminaire or installed in the field
- RJ45 input

SPECIFICATIONS:

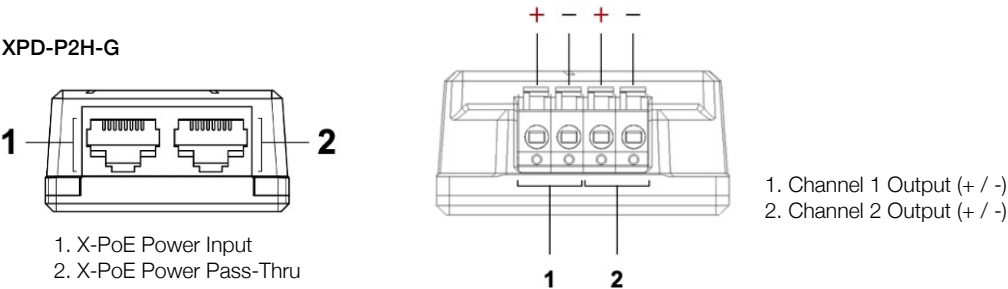
Electrical	<ul style="list-style-type: none"><li>• Power Input: 48VDC to 57VDC from the LUUM XS DC LIGHTING &amp; POWER CONTROLLER</li><li>• Max Power: 120W (at 57VDC) fully loaded at 100%</li></ul>
Mechanical	<ul style="list-style-type: none"><li>• Dimensions:<ul style="list-style-type: none"><li>- XPD-P2H-G: 45.5 mm x 22.3 mm x 40.7 mm (1.8 in x 0.9 in x 1.6 in)</li><li>- XPD-T2P-G: 56.3 mm x 28 mm x 28 mm (2.2 in x 1.1 in x 1.1 in) *Not including wires</li><li>- XPD-T1P-G: 56.3 mm x 28 mm x 28 mm (2.2 in x 1.1 in x 1.1 in) *Not including wires</li></ul></li><li>• Interfaces:<ul style="list-style-type: none"><li>XPD-P2H-G:<ul style="list-style-type: none"><li>- (1) RJ45 X-PoE Input Port, (1) RJ45 X-PoE Pass-Thru Port &amp; (2) Individually Controlled LED +/- Terminal Pairs.</li><li>- Output connectors: 14 - 26 AWG</li></ul></li><li>XPD-T2P-G:<ul style="list-style-type: none"><li>- (1) RJ45 X-PoE Input Port &amp; (2) Individually Controlled LED +/- Outputs</li><li>- Channel 1 Output (RED + / WHITE -);</li><li>Channel 2 Output (YELLOW + / BLUE -)</li></ul></li><li>XPD-T1P-G:<ul style="list-style-type: none"><li>- (1) RJ45 X-PoE Input Port &amp; (1) LED +/-; Output (RED + / WHITE - )</li></ul></li></ul></li></ul>
Environmental	<ul style="list-style-type: none"><li>• Operating Temp: 0°C to +40°C (32 to 104°F)</li><li>• Storage Temp: -20 to +40°C (-4 to +158°F)</li><li>• Humidity: 10% to 90% (non-condensing)</li><li>• XPD-T2P-G and XPD-T1P-G have an IP 68 Waterproof Rating</li></ul>
Listings	<ul style="list-style-type: none"><li>• XPD-P2H-G: ETL</li><li>• XPD-T2P-G / XPD-T1P-G: UL 1863, CSA-C22.2 No. 182.4-M90, IP67 (when used with cap)</li></ul>
Warranty	5-year limited warranty

ORDERING GUIDE:

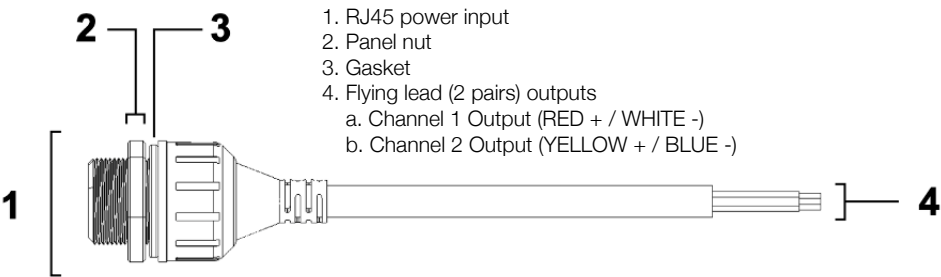
Catalog Number	Description
XPD-P2H-G	AGILE-CORE™ PD w/ (2) RJ45 & (1) 2 CH terminal block
XPD-T2P-G	AGILE-CORE™ PD w/ (1) RJ45 & 2 CH flying leads
XPD-T1P-G	AGILE-CORE™ PD w/ (1) RJ45 & 1 CH flying leads
XPD-T2P-WPKIT	Power device waterproof cap for XPT-T2P & T1P

DIAGRAMS

XPD-P2H-G



XPD-T2P-G



XPD-T1P-G

