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Data sheet

PRODUCT OVERVIEW

The X-PoE® powered device serves as an intermediary between the X-PoE® port and the connected LED lights or other devices, enabling power transmission and providing support for high power outputs.
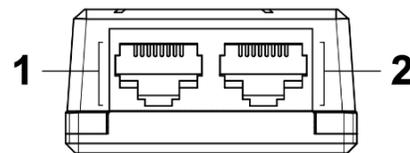
The PD takes the RJ45 connection from an X-PoE® port and converts it to two separate channels, each with a pair of positive (+) and negative (-) conductors. These channels are used for powering LEDs or other compatible devices.

The PD is capable of providing a total power output of up to 130W, and can be daisy-chained to extend the power delivery to additional fixtures or devices.
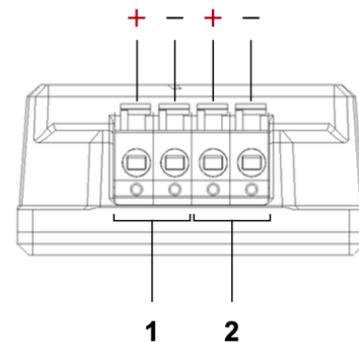
CONFIGURATIONS

XPD-P2H-G: Two X-PoE® RJ45 ports (input and pass-through) with two output channels carrying positive (+) and negative (-) conductors, supporting up to 130W total output and daisy-chain power pass-through.

FEATURES

Power and connectors	(2) X-PoE® RJ45 ports (input and pass-through) with (2) output channels for optional individual control or connection to independent light engines
	Up to 130W total output power
	X-PoE® power pass-through for daisy-chained devices
Easy installation	Designed for low-voltage lighting power delivery
	Supports daisy chaining to extend power delivery to additional fixtures or devices
	Stab-in output connectors accept 14-26 AWG wires
Certifications	UL 2108, CSA-C22.2 No. 250.2, X-PoE®
Warranty	5-year limited warranty with uninterrupted connection of the Luum Border Router device from a network

X-POE INPUTS

1. X-PoE Power Input
2. X-PoE Power Pass-Thru

LED OUTPUTS

1. Channel 1 Output + / - (14-26AWG Wires)
2. Channel 2 Output + / - (14-26AWG Wires)

Specifications extracted from docs.luum.io and should be validated against latest release.

TECHNICAL SPECIFICATIONS

Category	Specification	XPD-P2H-G
MECHANICAL	Dimensions	3.96 x 2.95 x 1.17 in (100.5 x 75 x 29.7 mm)
	Panel cut-out	22.2 mm (0.875 in)
	Weight	0.46 lb (209 g)
INTERFACES	Interfaces	(2) RJ45 X-PoE ports (input and pass-through), (2) individually controlled X-PoE lighting LED +/- outputs via stab-in connectors
ELECTRICAL	Power input	48VDC to 57VDC input from X-PoE port
	Maximum power consumption	130W (at 57VDC) with both channels fully loaded at 100% Note: Maximum output power is dependant upon the input voltage and the forward voltage of the connected light engine.
ENVIRONMENT	Operating temperature	-20 C to +35 C (-4 F to 95 F) indoor dry or damp locations only
	Storage temperature	-20 C to +50 C (-4 F to +122 F)
COMPLIANCE	Certifications	UL 2108, CSA-C22.2 No. 250.2, X-PoE®
GENERAL	Warranty	5-year limited warranty with continuous cloud connection

Specifications extracted from docs.luum.io and should be validated against latest release.

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