X-PoE Powered Device - General 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 support for high power outputs. The PD takes the RJ45 connection from an X-PoE port and converts it to one or two separate channels, each with a pair of positive (+) and negative (-) conductors.

These channels power LEDs or other compatible devices. The PD can provide up to 130 W total output[1] and can be daisy-chained to extend power to additional fixtures or devices.

> **NOTE**
> PDs can be used in generic or customized configurations for specific load types. Verify and install the appropriate PD before connecting to an X-PoE lighting controller.

SPECIFYING

To specify the appropriate PD part number, use the following format:

XPD – [type] [channels] [style] – [class]

Type	Channels	Style	Class
P — Pass-Thru	2 — Two Channel	H — Housing	C03 — Auto Config, 300 mA CC
T — Terminal		HS — Housing, Adaptive Signature	C04 — Auto Config, 400 mA CC
		P — Panel Mount	C05 — Auto Config, 500 mA CC

Type	Channels	Style	Class
		PS — Panel Mount, Adaptive Signature	C06 — Auto Config, 600 mA CC
			C08 — Auto Config, 800 mA CC
			C09 — Auto Config, 900 mA CC
			C10 — Auto Config, 1,000 mA CC
			C12 — Auto Config, 1,200 mA CC
			G — Manual Config, default 100 mA

Example: XPD-T2P-G — terminal two-channel PD, panel mount, manual configuration.

> **NOTE**
> Not all configurations are available for ordering. Contact a Luum team member before placing an order.

AVAILABLE DATA SHEETS

Published XPD data sheets in this knowledge center:

- XPD-P2H-G, XPD-P2HD-G, XPD-P2HS-G
- XPD-T2P-G, XPD-T2PS-G

> **NOTE**
> Sheets are shown with a generic manual configuration class (G). Every PD can be manufactured in other classes; some require special ordering and lead times.

Maximum 130 W per port with a 57 V input. See D1.2 — Output Power Range.