USLED
Always the Right Choice!

Project	Date

Catalog Number	Type

Point XL2 White Modules

Channel Letter Lighting



Key Features

- Ultra-long life LED modules provide high performance illumination at excellent value.
- High efficacy performance up to 163 LPW.
- Ideal for 2”-12” channel letter depths.

Electrical

- 12VDC input voltage.
- 0-10V dimming available via controller accessory (sold separately).
- Operating temperature: -40°C to 60°C (-40°F to 140°F)

Mounting

- Modules mounted using peel-and-stick 3M VHB tape.

Construction

- Modules are IP67 rated to prevent against penetration of dust and moisture.
- Dimensions: 1.96” x 0.63” x 0.44”

Optics

- Industry-leading LEDs with 4000K, 5000K, and 6500K CCT (minimum 70 CRI).
- 175° beam angle for ultra-wide light distribution.

Warranty

- Backed by US LED’s industry-leading Ten-Year Warranty.

Product Performance Summary

Input Voltage	12 VDC
Module Power	0.72W Per Module
Light Output	116 lm Per Module
Lumens Per Foot	186 lm/ft.
Efficacy	161 lm/W
CRI	≥ 70 CRI
Available CCT	4000K, 5000K, & 6500K
Warranty	Ten-Year Warranty

Product Overview

Point XL2 is US LED’s next generation of channel letter lighting that offers industry-leading performance in a cost-effective solution. Now accommodating even more modules per power supply, Point XL2 delivers best-in-class efficacy up to 161 lumens per watt. In addition, its proprietary optic provides even greater distribution than ever before for more efficient installations.

Product Applications

- Channel Letter Lighting
- Box and Cabinet Sign Lighting
- Accent and Cove Lighting

Product Certifications

- UL Recognized (USA/Canada)
- UL Classified for Retrofits (USA/Canada)
- Suitable for Wet Locations
- IP67 Rated

c US c UL US LISTED IP67

Ordering Information

Example: PXL2-2-12-W

PXL2			
Series	# of LEDs Per Module	Voltage	CCT
	2 2 LEDs	**12** 12VDC	**W40** 4000K
			W50 5000K
			W 6500K

PXL2 Accessories (Sold Separately)

Part Number	Description
PSB-1-12-12	US LED Power Supply | 12V | 12W
PSB-1-12-60	US LED Power Supply | 12V | 60W
PS2-1-NA	Life Extender Power Supply Enclosure | Natural Galvanized
DCA-10-120	0-10V Dimming Controller | 120W RoHS | Mark VII
WCC-2-50	Wire Management Clips | 50 Qty.

Due to continued product improvements, product specifications are subject to change without notice. Please visit www.usled.com for the most updated product specifications.

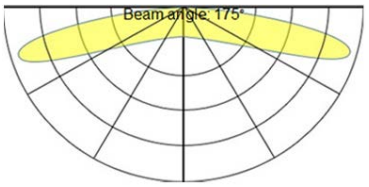
Point XL2 White Modules

Channel Letter Lighting

Performance Data

Module Part Number	CCT	Modules Per Ft.	Module Power	Power Density	Lumens Per Module	Lumens Per Foot	Efficacy
PXL2-2-12-W	6500K	1.6	0.72W	1.2W/ft.	116 lm	186 lm/ft.	161 LPW

Optical Distribution



Spacing Chart

	BEST USAGE									
Channel Depth	**12”**	**11”**	**10”**	**9”**	**8”**	**7”**	**6”**	**5”**	**4”**	**3”**	**2”**
Single Row Spacing	12”	12”	12”	12”	12”	12”	12”	12”	12”	9”	6”
Multiple Row Spacing	12”	12”	12”	12”	12”	12”	12”	12”	12”	9”	6”
Module-To-Module Spacing	8”	8”	8”	8”	8”	8”	8”	8”	8”	8”	6”

Packaging Specifications

Packages	# Modules Per Package
Bag	60 Modules
Inner Case	420 Modules (7 Bags)
Master Case	1,260 Modules (21 Bags)
Pallet	52,920 Modules

Power Supply & Loading Specifications

	Series	Minimum # of Modules	Maximum # of Modules
PSB-1-12-12	12W Load	4 Qty.	16 Qty.
PSB-1-12-60	60W Load	8 Qty.	80 Qty.