USLED
Always the Right Choice!

Project	Date

Catalog Number	Type

Point XL2 Red Modules

Channel Letter Lighting



Key Features

- Ultra-long life LED modules provide high performance illumination at excellent value.
- Ideal for 2”-12” channel letter depths.

Electrical

- 12VDC input.
- 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 Red LEDs (623nm).
- 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	32 lm Per Module
Lumens Per Foot	48 lm/ft.
Efficacy	44 lm/W
Available CCT	Red 623nm
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 provides even greater distribution than ever before for more efficient installations.

Product Applications

- Channel Letter Lighting
- General Sign Lighting

Product Certifications

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

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Ordering Information

Example: PXL2-2-12-R

PXL2			
Series	# of LEDs Per Module	Voltage	CCT
	2 2 LEDs	**12** 12VDC	**R** Red

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.

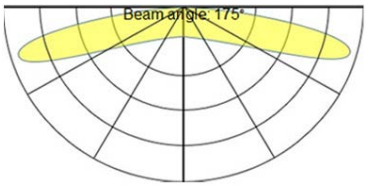
Point XL2 Red Modules

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Performance Data

Module Part Number	CCT	Modules Per Ft.	Module Power	Power Density	Lumens Per Module	Lumens Per Foot	Efficacy
PXL2-2-12-R	623nm	1.5	0.72W	1.08W/ft.	32 lm	48 lm/ft.	44 LPW

Optical Distribution



Spacing Chart

				BEST USAGE							
Channel Depth	**12”**	**11”**	**10”**	**9”**	**8”**	**7”**	**6”**	**5”**	**4”**	**3”**	**2”**	**1”**
Single Row Spacing	12”	12”	12”	12”	12”	12”	12”	12”	12”	8”	4”	2”
Multiple Row Spacing	12”	12”	12”	12”	12”	12”	12”	12”	12”	8”	4”	2”
Module-To-Module Spacing	6”	6”	6”	6”	6”	6”	6”	6”	6	6”	4”	2”

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	5 Qty.	16 Qty.
PSB-1-12-60	60W Load	10 Qty.	80 Qty.

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