

PDX Kits

Cabinet Lighting | 3" - 18" Cabinet Depth

Project	Type
Catalog Number	

Rev # 6/22/17-1

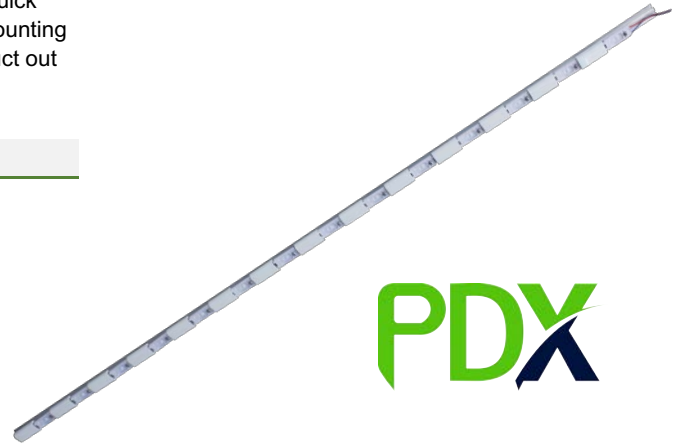
Description

For a quick cabinet retrofit solution US LED provides the PDX Kit on a convenient 4' extrusion. Proudly and expertly assembled in our Houston facility using only premium materials, the PDX Kit is provided as a single or double sided retrofit product. Utilizing military grade aluminum for the extrusion, the modules are secured with stainless steel screws to increase strength and rigidity. The extrusions are provided with a quick connect jumper cable, a joining connector piece and both L-clips and Z-clips for mounting simplicity and ease. You simply will not find a better performing, more robust product out there.



Features

- 4 Ft Stick powered by 12VDC
- 270 Lm per foot
- IP66 rated for protection from dust and moisture
- 160° beam angle giving a wide light pattern
- Multiple mounting options for single and double faced signs
- Can be used in 3" - 18" cabinet depths
- Non-dimming operation
- 5-year warranty



Certifications

- UL Approved (E226833)

Energy Data	Single Sided	Double Sided
	12 modules / 4-foot Stick	24 modules / 4-foot Stick
Input Voltage (VDC)	12	12
Module Level Power (W)	25.2	50.4
Delivered Lumens (Lm)	1,080	2,160
System Efficacy (Lm/W)	86	86
Color Temperature (K)	6500K	6500K
Color Rendering Index (CRI)	70 min	70 min
L70 Calculated Life (Hrs.)*	78,000	78,000
Ingress Protection	IP66	IP66

* US LED product 'Lifetimes' refer only to the LED light engine, not the power source, and are based on the Illuminating Engineering Society's TM21 Calculated Lumen Maintenance methodology at a 25°C/77°F ambient temperature. The lifetimes are solely meant to be a guide for expected LED degradation and not a warranty or predictive of their actual life, which can be affected by ambient temperatures and other factors.

Ordering Information

Series	LED's per Module	Input	Sides	Modules per Stick	Length**	CCT
PX1	1	12 - 12VDC	S - Single Sided D - Double Sided	12 - 12 Mods per Stick 24 - 24 Mods per Double Sided Stick	48 - 48"	65 - 6500K 50 - 5000K 40 - 4000K 30 - 3000K

**Also available in custom lengths, see chart on the 2nd page.

Example: PX1-1-12-S-12-48-65

Power Supply and Loading Specs

	Min # of Modules	Max # of Modules	Part #
12-60W	12	50	PSA-12-60

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Module Spacing - Single and Double Faced

Distance from Face	18"	12"	10"	8"	6"	4"****	3"****
Spacing Row to Row	24"	24"	22"	18"	14"	12"	12"

*** 3" and 4" must be behind graphics

Special Order - Retrofit Kits

Model Number	Description	Sides	T12 Replacement Length
PX1-1-12-D-10-18-65	15.91" 10 Module Double Sided 6500K 900Lm PDX Kit	Double	18"
PX1-1-12-S-5-18-65	15.91" 5 Module Single Sided 6500K 450Lm PDX Kit	Single	18"
PX1-1-12-D-12-24-65	21.91" 12 Module Double Sided 6500K 1080Lm PDX Kit	Double	24"
PX1-1-12-S-6-24-65	21.91" 6 Module Single Sided 6500K 540Lm PDX Kit	Single	24"
PX1-1-12-D-16-30-65	27.91" 16 Module Double Sided 6500K 1440Lm PDX Kit	Double	30"
PX1-1-12-S-8-30-65	27.91" 8 Module Single Sided 6500K 720Lm PDX Kit	Single	30"
PX1-1-12-D-18-36-65	33.91" 18 Module Double Sided 6500K 1620Lm PDX Kit	Double	36"
PX1-1-12-S-9-36-65	33.91" 9 Module Single Sided 6500K 810Lm PDX Kit	Single	36"
PX1-1-12-D-22-42-65	39.91" 22 Module Double Sided 6500K 1980Lm PDX Kit	Double	42"
PX1-1-12-S-11-42-65	39.91" 11 Module Single Sided 6500K 990Lm PDX Kit	Single	42"
PX1-1-12-D-30-60-65	57.91" 30 Module Double Sided 6500K 2700Lm PDX Kit	Double	60"
PX1-1-12-S-15-60-65	57.91" 15 Module Single Sided 6500K 1350Lm PDX Kit	Single	60"
PX1-1-12-D-32-64-65	61.91" 32 Module Double Sided 6500K 2880Lm PDX Kit	Double	64"
PX1-1-12-S-16-64-65	61.91" 16 Module Single Sided 6500K 1440Lm PDX Kit	Single	64"
PX1-1-12-D-36-72-65	69.91" 36 Module Double Sided 6500K 3240Lm PDX Kit	Double	72"
PX1-1-12-S-18-72-65	69.91" 18 Module Single Sided 6500K 1620Lm PDX Kit	Single	72"
PX1-1-12-D-42-84-65	81.91" 42 Module Double Sided 6500K 3780Lm PDX Kit	Double	84"
PX1-1-12-S-21-84-65	81.91" 21 Module Single Sided 6500K 1890Lm PDX Kit	Single	84"
PX1-1-12-D-48-96-65	93.91" 48 Module Double Sided 6500K 4320Lm PDX Kit	Double	96"
PX1-1-12-S-24-96-65	93.91" 24 Module Single Sided 6500K 2160Lm PDX Kit	Single	96"
PX1-1-12-D-54-108-65†	105.91" 54 Module Double Sided 6500K 4860Lm PDX Kit	Double	108"
PX1-1-12-S-27-108-65	105.91" 27 Module Single Sided 6500K 2430Lm PDX Kit	Single	108"
PX1-1-12-D-60-117-65†	114.91" 60 Module Double Sided 6500K 5400Lm PDX Kit	Double	117"
PX1-1-12-S-30-117-65	114.91" 30 Module Single Sided 6500K 2700Lm PDX Kit	Single	117"
PX1-1-12-D-60-120-65†	117.91" 60 Module Double Sided 6500K 5400Lm PDX Kit	Double	120"
PX1-1-12-S-30-120-65	117.91" 30 Module Single Sided 6500K 2700Lm PDX Kit	Single	120"

† Requires two 12V/60W power sources

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