

PDX - Colors

Channel Letter Lighting | 5" - 10" Channel Letter Depth

PRELIMINARY

Project	Type
Catalog Number	

Rev #	5/24/17-2
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Description

Pushing the boundaries of back lighting channel letters, PDX1 offers the latest in color LED sign technology. PDX1 illuminates the face of a sign with a stroke as wide as 12 inches in a 5 inch deep can using only 2 modules per foot. The modules is encapsulated with a durable over mold resin and wide-beam optic, providing IP ingress protection.



Features

- Red, blue, green and orange LED module available in various light levels
- Module runs off 12VDC, Class 2 power source
- 160° beam angle
- IP66 rated for protection from dust and moisture
- Lights a stroke of up to 12 inches in a 5 inch deep can
- Only 2 modules per foot
- Light levels are kept constant with a constant current regulator
- 5-year warranty

Certifications

- UL Recognized (E226833)



Energy Data

	Red/High	Red/Std.	Blue/High	Green/High	Orange/High
Input Voltage (V DC)	12	12	12	12	12
Module Level Power (W/ft.)	1.6	0.96	2.3	0.96	2.9
Delivered Lumens (Lm/ft.)	35	25	17	70	60
Efficacy (L/W)	22	26	7.5	73	21
Viewing Angle (°)	160	160	160	160	160
L70 Calculated Life (Hrs.)*	75,000	75,000	60,000	60,000	60,000
Ingress Protection	66	66	66	66	66

Ordering Information

Series	Variant	Input Voltage	Color
PDX1	1 - Standard flux** 2 - High flux	12 - 12V	R - Red B - Blue G - Green O - Orange

** Only available in red

Maximum stroke

5" Deep Can	12" Stroke
8" Deep Can	18" Stroke
10" Deep Can	24" Stroke

Power Supply Loading Specs

Series	Light level	Min # of Modules	Max # of Modules	Part Number
12V-60W Load	Red - Standard	24	110	PSA-12-60
12V-60W Load	Red - High	14	64	PSA-12-60
12V-12W Load	Red - Standard	3	23	PSA-12-12
12V-12W Load	Red - High	2	14	PSA-12-12
12V-60W Load	Blue - High	11	46	PSA-12-60
12V-12W Load	Blue - High	2	10	PSA-12-12
12V-60W Load	Green - High	22	114	PSA-12-60
12V-12W Load	Green - High	4	21	PSA-12-12
12V-60W Load	Orange - High	8	38	PSA-12-60
12V-12W Load	Orange - High	1	7	PSA-12-12

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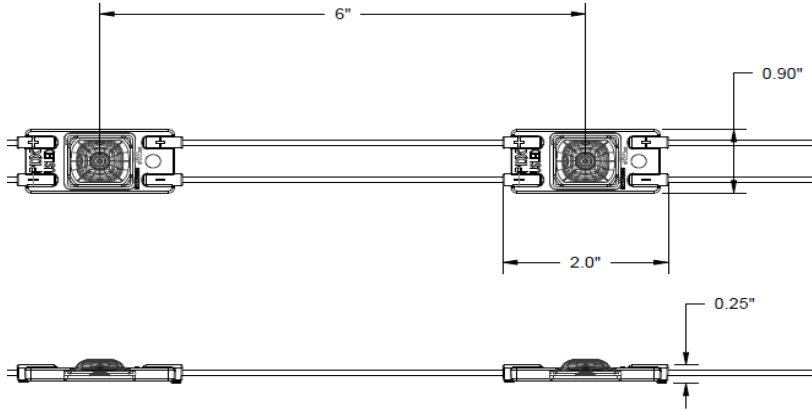
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Specifications

Dimensions: 2.0" x 0.9" x 0.35"



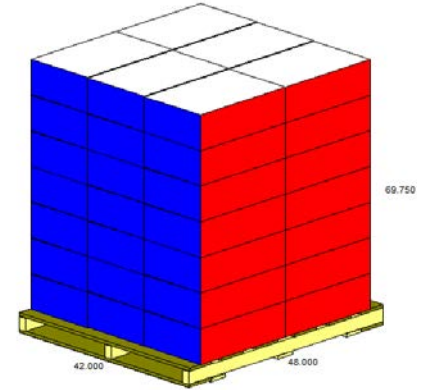
Packaging Information

Master Case	720 Modules - 360 Feet
Inner Case	240 Modules - 120 Feet
Tray	80 Modules - 40 Feet

Pallet	42 Master Cases
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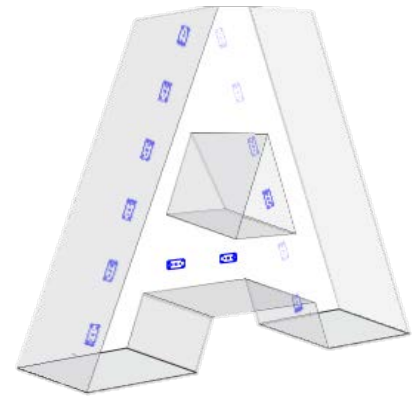
42" x 48" x 69.75"

42 Master Cases
30,240 Modules
15,120 Feet



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**Also Available
in White**



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