

Project	Type
Catalog Number	

PDX Modules

Pushing the boundaries of back lighting channel letters, PDX offers the latest in color LED sign technology. PDX illuminates the face of a sign with a stroke as wide as 12" in a 5" deep can using only two (2) modules per foot. Each module is encapsulated with a durable cover, and its wide beam optic provides ingress protection.



Features

- LED modules available in white, blue, green and orange
- IP66 rated for protection from dust and moisture
- Only 2 modules per foot
- 0-10V Dimmable via Mark VII (requires the DCA-10-120 Dimming Controller)
- 10-year warranty

Certifications

- UL Recognized (E226833)

Specifications

Spec Type	Data
Dimensions	2.0" x 0.9" x 0.35"

Energy Data

Spec Type	White				Colors		
	3000K	4000K	5000K	6500K	Blue	Green	Orange
Color Temperature (K)	3000K	4000K	5000K	6500K	Blue	Green	Orange
Input Voltage (VDC)	12	12	12	12	12	12	12
Module Level Power (W/Ft)	1.2	1.2	1.2	1.2	2.3	0.96	2.9
Delivered Lumens (Lm/Ft)	160	170	170	180	17	70	60
System Efficacy (Lm/W)	76	81	81	86	7.5	73	21
Viewing Angle (°)	160	160	160	160	160	160	160
Color Rendering Index (CRI)	80 min	80 min	80 min	70 min	--	--	--
L70 Calculated Life (Hrs.) ²	78,000	78,000	78,000	78,000	60,000	60,000	60,000
Dimming	0-10V	0-10V	0-10V	0-10V	0-10V	0-10V	0-10V

Maximum Stroke

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

Packaging Specifications

Package Type	Number of Modules Per Package
Tray	80 Modules - 40 Feet
Inner Case	240 Modules - 120 Feet
Master Case	720 Modules - 360 Feet
Pallet	42 Master Cases

Power Supply and Loading Specifications

Part Number	Series	Light Level	Minimum Number of Modules	Maximum Number of Modules
PSA-12-12	12V-12W Load	Blue	11	46
PSA-12-60	12V-60W Load	Blue	2	10
PSB-1-12-60	12V-60W Load	Blue	6	46
PSA-12-12	12V-12W Load	Green	22	114
PSA-12-60	12V-60W Load	Green	4	21
PSB-1-12-60	12V-60W Load	Green	13	114
PSA-12-12	12V-12W Load	Orange	8	38
PSA-12-60	12V-60W Load	Orange	1	7
PSB-1-12-60	12V-60W Load	Orange	5	38

Ordering Information

Series	Variant	Input Voltage	CCT
PDX1	2	12 - 12V	W30 - 3000K White W40 - 4000K White W50 - 5000K White W - 6500K White B - Blue G - Green O - Orange

Example: PDX1-2-12-W30