

**DESCRIPTION**

The PXD Series wall or ceiling fixture combines security features along with diminutive size. Available with both up and down or down only illumination. Less than 4" deep, a back-pan combined with a one-piece housing maximizes impact resistance and prevents unwanted fixture penetration.

**APPLICATION**

The PXD is suited for schools, mental health facilities, stairwells, corridors, detention centers, and public transportation areas.

**HOUSING**

The PXD Series housing uses a dedicated backpan mount with multi-point mounting with tamper-resistant screws. Made up of cold rolled steel or stainless steel in various gauges ranging from 14 to 20 guage. Electrostatically applied, matte white powder coat finish or optional gloss white paint available (Option: C) with an average minimum reflectance of 92%. An anti-microbial finish is also available (Option: C). Custom colors also available (consult factory).

**ELECTRICAL SYSTEM**

The PXD Series electronic, dimmable driver controls illumination while also complying with federal energy efficiency standards.

**OPTICAL SYSTEM**

The PXD Series utilizes both an inner and outer lens. The inner lens has three available options including prismatic acrylic (Inner Lens: 0). The outer protective lens is made of durable polycarbonate and comes in three thicknesses, 0.125" (Outer Lens: 0), 0.187" (Outer Lens: 1), and 0.250" (Outer Lens: 2).

**LED**

LEDs are available in 2700K, 3000K, 3500K, 4000K and 5000K CCT with a standard > 80 CRI. An optional 90 CRI is also available (Option: H). The PXD has a projected life of >100,000 hours (L70 @ 50°C (122°F)).

**INSTALLATION**

The PXD is suitable for surface mount applications. Tamper-resistant screws standard, optional philips-head fasteners available (Option: E).

**TESTING AND COMPLIANCE**

- UL Listed, optional Wet Location Listing available (Option: G) (TBD)
- Buy American Act (BAA) compliant (TBD)

**WARRANTY**

Five Year Warranty (Terms and Conditions Apply).

Model: \_\_\_\_\_ Date: \_\_\_\_\_  
 Accessories: \_\_\_\_\_  
 Job Name: \_\_\_\_\_ Type: \_\_\_\_\_



Output Information			
Output	Delivered Lumens	System Wattage	L70 @ 50°C (hrs)
Standard Low	4,650	33	>100K
Medium Low	7,974	57	>100K
High Low	11,150	80	>100K
Standard Medium	12,040	86	>100K

\*Delivered lumens shown were tested at 4000K CCT.

**Note:** Environment and application will affect actual performance. Typical values and 50°C used for testing.

Approx. CCT Lumen Multiplier	
Temperature	Multiplier
5000K	1.03
4000K	1.00
3500K	0.97
3000K	0.94
2700K	0.91

Specifications are subject to change without notice. Installation must be performed in accordance with Barron Lighting Group installation instructions.

## ORDERING INFORMATION Example: PXDAA30C01AA

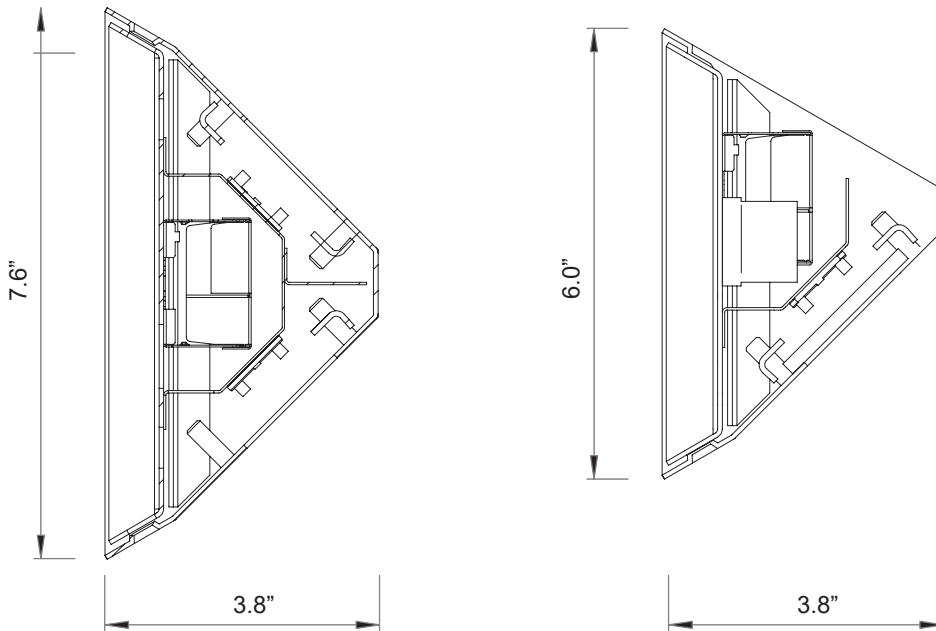
Series	Length	Up Light Illum.	Up Light CCT	Up/Down Distribution	Inner Lens
PXD = Up/Down Illumination	A = 1.5' Unit, 120/277VAC	A = Standard Low	27 = 2700K	A = 100 Up, 0 Down	0 = 0.125" Prismatic Acrylic
PXDD <sup>1</sup> = Down Only Illumination	B = 2' Unit, 120/277VAC	B = Medium Low	30 = 3000K	B = 90 Up, 10 Down	1 = 0.125" Prismatic Poly.
	C = 3' Unit, 120/277VAC	C = High Low	35 = 3500K	C = 80 Up, 20 Down	2 = 0.125" Frosted Acrylic
	D = 4' Unit, 120/277VAC	D = Standard Medium	40 = 4000K	D = 70 Up, 30 Down	
			50 = 5000K	E = 60 Up, 40 Down	
				F = 50 Up, 50 Down	
				G = 40 Up, 60 Down	
				H = 30 Up, 70 Down	
				J = 20 Up, 80 Down	
				K = 10 Up, 90 Down	
				L = 0 Up, 100 Down	

Outer Lens	Housing	Driver	Options
0 = 0.125" Clear Poly.	A = 14 Gauge Cold Rolled Steel	A = 0-10V 1% to Off Dimming Driver	A = 1200 Lumen Emergency Ballast
1 = 0.187" Clear Poly.	B = 16 Gauge Cold Rolled Steel	B = 0-10V 5% to Off Dimming Driver	B = White Gloss Paint
2 = 0.250" Clear Poly.	C = 18 Gauge Cold Rolled Steel	C = Electronic Driver Non-Dimming	C = Anti-microbial Matte White Paint
	D = 20 Gauge Cold Rolled Steel	D = Fifth Light DALI, Dimming	D = Brushed
	E = 14 Gauge Stainless Steel	E = Lutron Hi-Lume 1% Ecosystem LED Driver with Soft-on, Fade-to-Black Dimming Technology	E = Non-tamper Proof Fasteners (Philips-heads)
	F = 16 Gauge Stainless Steel	F = Lutron LDE5 5-Series Ecosystem 5% Dimming	F = Lutron Vive Integral Fixture Control (RF with Daylight and Occupancy Sensing)
	G = 18 Gauge Stainless Steel		G = Wet Location
	H = 20 Gauge Stainless Steel		H = 90 CRI

### Notes

<sup>1</sup> PXDD can only select Up/Down Distribution L

## DIMENSIONS



Unit	Length
1.5' Unit	18.0"
2' Unit	24.0"
3' Unit	36.0"
4' Unit	48.0"

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