



PX-80 is designed and manufactured in USA with the latest in high-brightness LED technology. PX80 comes in two power options: (90-277V) AC and (19-32V) DC voltage options, giving **28,000** effective lumen - an extreme high powered flood light.

PX-80 with its all-machined chassis, Lexan Lens, and stainless steel mounting bracket, is designed for use in harsh environments where an extreme high-brightness output and reliability is required.

Built-in dual thermal management with a state of the art current driver provides optimum light output and a life span that well exceeds 50K hours.



Light Source	Two arrays of 40 Cree XML-2 Diodes each		
	LED Options:		
	Cool White	5500 CCT*	CRI >70
	Neutral White	4000 CCT*	CRI >75
	Warm White	2700 CCT*	CRI >80
	>50,000 hours average life time * approximate values		
Construction	Machined 6063-T5 aluminum		
Mounting Bracket	Stainless steel mounting bracket and hardware <ul style="list-style-type: none"><li>• 5.5 mm thickness</li></ul>		
LED Driver	Two Driver Options available*: 24VDC (19-32VDC nominal range) 120VAC (90-305VAC nominal range)  *Universal Custom Driver - adjusts to any input voltage within nominal range, maintaining peak illumination		
Protection	<ul style="list-style-type: none"><li>• Built-in active thermal management</li><li>• Reverse voltage protection</li><li>• Under-voltage shutdown</li><li>• Transient voltage suppression</li><li>• IP68</li></ul> <ul style="list-style-type: none"><li>• EMI filtration</li></ul>		
Optics	Spot 18°   Flood 45°   Wide Flood 120°		
Power Connector	Deutsch Power Connector		
Ambient Operating Temperature	-40°C to +70°C		
IES File	Call PTLX Global at 1-800-397-7859		
Weight	16.34 lb (7.41 kg) - 22 x 10 x 4.5 (56 cm, 25 cm, 11 cm)		
Ordering Information	Please see ordering chart or contact us for details.		

## Ordering Information

	Wattage	Voltage	Beam Pattern	Lens	Color (CCT)	Bracket	Application
PX80 (AC)	280	1. 90-277VAC	1. Spot 20°	1. Lexan	1. ~5500K	1. 304 Stainless	1. Industrial
28,000 lumen		2. *347/ 480VAC	2. Flood 45°	2. Glass	2. ~4000K	2. 316 Stainless	2. Marine
			3. Wide Flood 120°		3. ~2700K	3. *Custom	
		*Special Order				*Call for requests	
eg. PX80AC	W - 280	V - 1	BP - 1	L - 1	C - 1	BR - 1	AP - 1
	PX80AC-V1-BP1-L1-C1-BR1-AP1						

	Wattage	Voltage	Beam Pattern	Lens	Color (CCT)	Bracket	Application
PX80 (DC)	280	1. 24VDC	1. Spot 20°	1. Lexan	1. ~5500K	1. 304 Stainless	1. Industrial
28,000 lumen			2. Flood 45°	2. Glass	2. ~4000K	2. 316 Stainless	2. Marine
			3. Wide Flood 120°		3. ~2700K	3. *Custom	
						*Call for requests	
eg. PX80DC	W - 280	V - 1	BP - 1	L - 1	C - 1	BR - 1	AP - 1
	PX80DC-V1-BP1-L1-C1-BR1-AP1						

### Spot

Illuminance at a Distance			
	Center Beam fc	Beam Width	
6.0ft	6,894.8 fc	1.5 ft	1.5 ft
12.0ft	1,723.7 fc	3.0 ft	2.9 ft
18.0ft	766.1 fc	4.4 ft	4.4 ft
24.0ft	430.9 fc	5.9 ft	5.9 ft
30.0ft	275.8 fc	7.4 ft	7.3 ft
■ Vert. Spread: 14.1° ■ Horiz. Spread: 13.9°			

