

# XD Extreme Duty LED Equipment Lights

## Rugged Design With Our Highest-Shock Handling Capabilities

Jameson XD LED Equipment Lights offer the intensity, durability and power needed for heavy equipment in environments with extreme temperatures or high shock and vibration applications.

The XD is preferred for mining, marine or tracked equipment applications.

- 50G HALT testing ensures superior performance under extreme shock and vibration
- Two-bolt XD-Lock™ mounting system isolates housing from mounting bracket for high-frequency vibration dampening
- Type II anodized aluminum housing for corrosion protection (Mil-A-8625)
- Corrosion resistant stainless steel mounting bracket
- IP69K – Withstands high-temperature/high-pressure water jets
- Advanced thermal management extends LED life at high temperatures and Increases effective lumens at low temperatures.
- Zero warm-up for instant-on, flicker-free lighting
- Borosilicate glass lens resists scratches
- Energy efficient - Low power consumption provides more light compared to HID's
- Extreme high and low temperature performance
- Extended Five (5) Year Warranty



	XD9	XD16	XD32	XD80
Effective Lumens @ 25°C	3000	5900	11800	24800
Number of LEDs	9	16	32	80
Beam Patterns	Spot, Medium, Vertical Elliptical, Horizontal Elliptical, Wide, Trapezoidal		Spot, Medium, Wide, Vertical Elliptical, Trapezoidal	Spot, Medium, Wide, Horizontal Elliptical, Trapezoidal
Shock/Vibration	50G RMS @ 10-10,000 Hz at -40°C			
Ingress Protection	IP69K			
Power	45 Watts	85 Watts	170 Watts	270 Watts
Current	3.8 A @ 12 VDC 1.9 A @ 24 VDC	7.1 A @ 12 VDC 3.5 A @ 24 VDC	14.1 A @ 12 VDC 7.0 A @ 24 VDC	22.5 A @ 12 VDC 11.3 A @ 24 VDC 2.4 A @ 120 VAC
Voltage	10-32 VDC			18-32 VDC or 90-277 VAC
Operating Temp	-103°F to 194°F (-75°C to +90°C)			-75°C to +90°C DC Version -40°C to +70°C AC Version
Color Temp (CCT)	5000K Natural White			
Weight	2.01 lbs (0.9 kg)	3.11 lbs (1.4 kg)	5.29 lbs (2.4 kg)	16.40 lbs (7.4 kg) DC Version 19.50 lbs (8.8 kg) AC Version
Dimensions	4.98" x 4.51" x 3.57"	5.60" x 5.20" x 3.90"	9.00" x 4.90" x 3.90"	19.50" x 6.30" x 6.30"
LED Life (L70)	50,000 Hours			
Termination	Chassis Mounted Deutsch	Chassis Mounted Deutsch Chassis Mounted AMPHENOL	Chassis Mounted Deutsch	Wire Leads

## XD Series Ordering Guide - Use Table To Determine Part Number

### EXAMPLE PART NUMBER: XD9D04510NGDS

XD9 with deutsch connector, 45 watts, 10 volts, natural white LEDs, borosilicate glass lens, double trunnion, spot beam pattern

XD9	D		045	10		N		G		D		S	
Series	Termination		Power (Watts)	Input Voltage		LED Color		Lens		Mount Style		Beam Pattern	
XD9	D	Deutsch Connector	45	10	10-32VDC	N	Natural White	G	Borosilicate Glass	D	Double Trunnion	S	Spot
				M	Medium								
				V	Vertical Elliptical								
				H	Horizontal Elliptical								
				W	Wide								
T	Trapezoid												



XD9

XD16	D		085	10		N		G		D		S	
Series	Termination		Power (Watts)	Input Voltage		LED Color		Lens		Mount Style		Beam Pattern	
XD16	D	Deutsch Connector	85	10	10-32VDC	N	Natural White	G	Borosilicate Glass	D	Double Trunnion	S	Spot
				M	Medium								
				V	Vertical Elliptical								
				H	Horizontal Elliptical								
				W	Wide								
T	Trapezoid												



XD16

XD32	D		170	10		N		G		D		S	
Series	Termination		Power (Watts)	Input Voltage		LED Color		Lens		Mount Style		Beam Pattern	
XD32	D	Deutsch Connector	170	10	10-32VDC	N	Natural White	G	Borosilicate Glass	D	Double Trunnion	S	Spot
				M	Medium								
				V	Vertical Elliptical								
				W	Wide								
				T	Trapezoid								



XD32

XD80	C		270	18		N		G		D		S	
Series	Termination		Power (Watts)	Input Voltage		LED Color		Lens		Mount Style		Beam Pattern	
XD80	C	Cable Leads	270	18	18-32VDC	N	Natural White	G	Borosilicate Glass	D	Double Trunnion	S	Spot
				M	Medium								
				H	Horizontal Elliptical								
				W	Wide								
				T	Trapezoid								



XD80

#### NOTE:

- ALL Deutsch connector versions include mating half Deutsch connector with lead wires.
- XD16 with Amphenol connector does not include mating connector half.

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800.346.1956

PD-1009  
REV. 02/2018