

## 5.0 Parts List

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### 1.0 Arc Lamp Bulb

Arc Lamp Bulb	104719
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### 2.0 Circuit Breakers

Item	US	International
Main AC Circuit Breaker 4-Pole	63-Amp 105230	32-Amp 105841
<b>Sub Assemblies Circuit Breakers</b>		
Arc Lamp Power Supply - 3-Pole	50-Amp 105229 Panel Position #7, 9, 11	same
Fans/ Control Panel	15-Amp 1-Pole 105227 Panel Position #5	50-Amp 2-Pole 106393 Panel Position #3, 5

Item	US	International
Low Voltage Power Supply	10-Amp 2-Pole 105228 Panel Position #1, 3	50-Amp 1- Pole 106394 Panel Position #1

### 3.0 Fans

Assembly	US	International
Cooling Fans - (2) front of Projection Module for power supplies	106033	same
Cooling Fans - (3) top of Projection Module	105049	same
Exhaust Fan - top of Arc Lamp Module	105787	106037
Large Blower - for Arc Lamp Module	105717	106035
Large Blowers - (2) for ILA <sup>®</sup> devices Air Handler	106024	same

### 4.0 Filters

Assembly	US	International
HEPA Filter	104998	same
Intake filter (paper) 20-inch x 20-inch x 2-inch	104991	same
Intake filters (paper) (2) 10-inch x 20-inch x 2-inch	104990	same
Intake filter (foam) - top of Projection Module	105417	same
Intake filter (foam) - front of Projection Module	105416	same
Intake filter (foam) - in ILA <sup>®</sup> device HEPA Air Handler	105417	same

## 5.0 Fuses

Item	US	International
Arc Lamp Power Supply (fan/Contactor)	4-Amp S/B 105952	3.15-Amp S/B 105963
Control Panel (external)	1-Amp S/B 105951	same
Pressure Meters (2) - inside Control Panel	1/8-Amp S/B 106517	same
Temperature Meter - inside Control Panel	1/2-Amp S/B 106516	same
Transformers (input)- 200:230	N/A	N/A
230 VDC Bypass	N/A	6.3-Amp Slo-Blo 105653
+48 VDC Power Supply - Input	4-Amp S/B 105952	same
+48 VDC Power Supply - Output	4-Amp S/B 105952	same

## 6.0 Misc.

Item	US	International
Air Pressure cable	105164	same
Arc Lamp cooling cable (AC)-P111	105163	105920
Pos-Lok Connects for Arc Lamp Power Supply	105247	same
Lithium Batteries (on System Controller PCB)	100881	same
Power Cord	104691	105991
Reflector Temperature cable (yellow coiled)	105162	same
Tethered Remote Control	101421	same

Item	US	International
Tethered Remote Control cables	25-ft. 103042 50-ft. 102248 75-ft. 102249	same
Tool Kit	105910	same
Arc Lamp adjustment cable (Z-axis)	105837	same
10-mm Balldriver Hex-head wrench (short)	105903	same
3200 Kelvin Conversion Kit (converts 5600 Kelvin to 3200 K)	104761	same

## 7.0 Optics

Assembly	US	International
Cold Mirror - 45°	105449	same
Cold Mirror - 27.5°	103452	same
Image Enhancers / "Ghost Busters"	red - 106378-1 grn - 106378-2 blu - 106378-3	same
CRTs (Standard)	100518	same
CRTs (Fast Phosphor)	104115	same
ILA <sup>®</sup> device	red - 102630-16 grn - 102630-15 blu - 102630-14	same
ILA <sup>®</sup> device (Fast)	red - 103921-16 grn - 103921-15 blu - 103921-14	same
Prism Assembly	red - 900612-002 grn - 900612-002 blu - 900612-001	same
UV-Hot Mirror	106676	same

## 8.0 Power Supplies

Assembly	US	International
Arc Lamp Power	106374	106034

Supply		
High Voltage Power Supply	106055	same
Igniter Assembly	104693	same
Low Voltage Power Supply	104038	same
X-former (Intl)	N/A	105563
+48 VDC Power Supply	105058	same

## 9.0 Printed Circuit Boards

Assembly	US	International
Backplane PCB	105930	same
Control Panel Box	106507	same
Distribution Box	106052	same
Horizontal Deflection PCB	102523	same
Light Sensor PCB	N/A	106509
Raster Timing Gen. PCB	100568	same
System Controller PCB	104668	same
Vertical Deflection PCB	102521	same
Video Processor PCB	106010	same
Video Amplifier PCB	104674	same
Ultra Digital Processor (UDP)	106032	same

## 10.0 Projection Lens

Lens	US	International
0.885:1 (Special order)	103280 (<200-ft.) 102692 (>200-ft.)	same
1.5:1	red - 102412 grn - 102411 blu - 102410	same

<b>Lens</b>	<b>US</b>	<b>International</b>
2.177:1 (Special Order)	red - 102147 grn - 102148 blu - 102149	same
2.4:1	red - 900609-3 grn - 900609-2 blu - 900609-1 with converter 103809 and adapter 102687	same
3:1	red - 900609-3 grn - 900609-2 blu - 900609-1	same
4:1	101239 with converter 103809 and adapter 102687	same
5:1	101239	same
5.6:1	101240 with converter 103809 and adapter 102687	same
7:1	101240	same
10:1(Special order)	103342	same

## 11.0 Safety Equipment

<b>Item</b>	<b>US</b>	<b>International</b>
Faceshield	106040	same
Gloves	106020(L), 106021(R)	same
Leather jacket	106042	same

## 12.0 Sensors

<b>Item</b>	<b>US</b>	<b>International</b>
Airflow Sensor	105387	same
Current Sensor	102303	same

Item	US	International
Pressure Sensor		
Arc Lamp Module	104902	same
ILA <sup>®</sup> device Air Handler	105561	

### 13.0 Recommended Spare Parts List

JVC recommends keeping a spare Arc Lamp assembly on hand for each projector. Any other spare parts that should be kept available will depend on the urgency of the application.

Item	Qty	US	International
Arc Lamp Bulb	1	104719	same
Arc Lamp Power Supply	1	105374	106034
CRTs (Standard)	1	100518	same
CRTs (Fast Phosphor)	1	104115	same
Horizontal Deflection PCB	1	102523	same
High Voltage Power Supply	1	106055	same
Light Sensor PCB	1	106509	same
Low Voltage Power Supply	1	104038	same
Raster Timing Gen. PCB	1	100568	same
System Controller PCB	1	104668	same
Tethered Remote Control	1	101421	same
Vertical Deflection PCB	1	102521	same
Video Processor PCB	1	106010	same
Video Amplifier PCB	3	103567	same
Ultra Digital Processor	1	106032	same
X-former (Intl)	1	N/A	105563
+48 VDC Power Supply	1	105058	same
Remote, Adjust Z External cable	1	105837	same
Remote, Adjust Z Internal cable	1	105836	same

<b>Item</b>	<b>Qty</b>	<b>US</b>	<b>International</b>
Low Pressure Transmitter, 1-in. H <sub>2</sub> O	1	104902	same
Low Pressure Transmitter 2-inch H <sub>2</sub> O	1	105561	same
Airflow Switch (Omega)	1	104985	same
Airflow Assembly. Sensor Lamp	1	105387	same
Air Filter - (Pleated) 10-in. x 20-in. x 2-in.	2	104990	same
Air Filter - (Pleated) 20-in. x 20-in. x 2-in.	1	104991	same
Intake filter (foam) - front of Projection Module	1	105416	same
Intake filter (foam) - in ILA <sup>®</sup> device HEPA Air Handler & Top	2	105417	same
Arc Lamp Bulb, 7-kW	1	104719	same
Cooling Fans - (2) front of Projection Module for power supplies	1	106033	same
Cooling Fans - (3) top of Projection Module	1	105049	same
Exhaust Fan - top of Arc Lamp Module	1	105787	106037
Large Blower - for Arc Lamp Module	1	105717	106035
Large Blowers - (2) for ILA <sup>®</sup> devices Air Handler	1	106024	same
Fuse - Arc Lamp Power Supply (fan/Contactor)	1	4-Amp S/B 105952	3.15-Amp S/B 105963
Fuse - Control Panel (external)	1	1-Amp S/B 105951	same
Fuse - Pressure Meters (2) - inside Control Panel	2	1/8-Amp S/B 106517	same

Item	Qty	US	International
Fuse - Temperature Meter - inside Control Panel	1	1/2-Amp S/B 106516	same
Fuse - Transformers (input)- 230:115	1	N/A	6.3-Amp Slo- Blo 105653
Fuse - 230 VDC Bypass	1	N/A	6.3-Amp Slo- Blo 105653
Fuse - +48 VDC Power Supply - Input	1	4-Amp S/B 105952	same
Fuse - +48 VDC Power Supply - Output	1	4-Amp S/B 105952	same
24 VDC Relay P&B	1	105950	same
UV Hot Filter	1	106674	same
Circuit Breaker 50-Amp, 240 Vac, 3-Pole	1	105229	same
Circuit Breaker 32-Amp, 240 Vac, 4-Pole	1	N/A	105841
Circuit Breaker 63-Amp, 240 Vac, 4-Pole	1	105230	same
Circuit Breaker 15-Amp, 240 Vac, 1-Pole	1	105227	same
Circuit Breaker 10-Amp, 240 Vac, 2-Pole	1	105228	same
Recap Connector 3- position Pos-Lok	1	105247	same

## 14.0 Recommended Consumable Spare Parts List

The following list is recommended for each projector.

Item	Qty	US	International
Air Filter - (Pleated) 10- in. x 20-in. x 2-in.	2	104990	same
Air Filter - (Pleated) 20- in. x 20-in. x 2-in.	1	104991	same
Intake filter (foam) - front of Projection	1	105416	same

<b>Item</b>	<b>Qty</b>	<b>US</b>	<b>International</b>
Module			
Intake filter (foam) - in ILA <sup>®</sup> device HEPA Air Handler	2	105417	same
Arc Lamp Bulb - 7-kW	1	104719	same