

LiteSentry Spare Parts List

Osprey Anisotropy + Distortion Inspection System



LiteSentry LLC
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+1 507.645.2600
support@litesentry.com

Prices are subject to change

LiteSentry Part Number	Description	Manufacturer	Price	Recommended Quantity	Note
Cameras, Cables, and Cards					
DA1176	Camera Assembly, Blackfly, 8mm Lens, Aligned on Precision Mount	LiteSentry LLC	\$4,410		
DA800-21	Cable Assembly, Ethernet, Cat 6, 21ft	CDW	\$41		
PE1358	Cable Assembly, Ethernet, Cat 6, 3ft black	CDW	\$12		
000853	POE Power Injector, 8-Port, Passive, Gigabit, 120W, Without Power Supply	POE Texas	\$150		
PE1354	POE Power Injector, 4-Port, Passive, Gigabit, 48W	POE Texas	\$150		
001781	Network Card, GigE, 4-Port, Intel I340-T4	CDW	\$690		
Processor					
DA790	PC, Dell T5820, Blackfly Configuration (for distortion systems)	Dell / LiteSentry LLC			Contact LiteSentry
000831	PC, Dell T7820, Blackfly Configuration (for anisotropy systems)	Dell / LiteSentry LLC			Contact LiteSentry
PE1149	Network Adapter, Gigabit Ethernet, PCI-Express Interface	StarTech	\$52		
PE1144	Display, 24 inch, 1920x1080, Flat Panel, LCD, DisplayPort Input	ViewSonic	\$342		Procure locally
000930	Display, 32 inch, 2k, DP/HDMI input	ViewSonic	\$644		Procure locally
PE1019	Display Cable, DisplayPort, 10ft, Black	StarTech	\$36		Procure locally
PM913	Display Mounting Arm	Ergotron	\$330		Procure locally
Lighting					
001650	LED 6 Lamp Array Module, 305mm Length, MCPCB, White - DROP IN CONNECTOR (NO LENS)	LED Dynamics	\$150		For Distortion Lightboxes w/o lenses
001651	LED 6 Lamp Array Module, 305mm Length, MCPCB, White, with Wire Leads DROP IN CONNECTOR (NO LENS)	LED Dynamics	\$129		For Distortion Lightboxes w/o lenses
00309	LED 6 Lamp Array Module, 305mm Length, MCPCB, White - DROP IN CONNECTOR (with lenses)	LED Dynamics	\$193		For Distortion Lightboxes w/ lenses
00663	LED 6 Lamp Array Module, 305mm Length, MCPCB, White, with Wire Leads DROP IN CONNECTOR (with lense)	LED Dynamics	\$179		For Distortion Lightboxes w/ lenses
DA1188	Auto-off LED light circuit - 15A Relay, RB12, 5V Output Module, hardware	LiteSentry LLC	\$615		
000857	Power Supply, 48VDC 2.5A Output, 120W, 90-264VAC Input	TRC Electronics	\$78		
<u>Osprey Diffuser, Patterned, Acrylic, 12.5in x System Dimension (Column to Column ID), 0.177" Thick</u>					
DA1061	Diffuser for System ID = 75"				
DA714	Diffuser for System ID = 99"				Highly Recommended
DA677-114	Diffuser for System ID = 114.25"	LiteSentry LLC	\$1,176	1	Check diffuser dimensions
DA677	Diffuser for System ID = 123"				
DA678	Diffuser for System ID = 135"				Highly Recommended
DA679	↳ Diffuser for System ID = 147"	LiteSentry LLC	\$1,418	1	Check diffuser dimensions
DA680	Diffuser for System ID = 159"				Check diffuser dimensions
LabJack I/O Parts					
PE802	I/O device, LabJack U3	LabJack	\$270	1	
PE127	Relay board, LabJack RB12 (no relay modules included)	LabJack	\$360	1	
PE1145	Relay, Output Module, G5 Style, 5VDC Input	Grayhill	\$62	1	Procure locally
PE1166	Relay, 3 Pole Double Throw, 15A @ 24VDC	Automation Direct	\$45	1	Procure locally
PE1167	Relay, Socket 783 Series	Automation Direct	\$14	1	Procure locally
PE1195	Cable, USB-A to USB-B, 3' With Ferrite Chokes	Tripp Lite	\$22		Procure locally

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Controls & Electrical					
PE1022	Circuit Breaker, 15A D Curve Slow Blow for A/C	Eaton	\$72	1	Procure locally
PE957	Circuit Breaker, 10A C Curve Normal Blow	Eaton	\$72	2	Procure locally
PE955	Circuit Breaker, 2A C Curve Normal Blow	Eaton	\$54	2	Procure locally
000603	Circuit Breaker, 15AC-Curve Normal Blow	Eaton	\$65	1	Procure locally
PE1325	Power Supply, 24VDC @ 20A (480W) - refer to system electrical schematic	Automation Direct	\$480	1	
PE621	Power Supply, 24VDC @ 20A (500W) - refer to system electrical schematic	Automation Direct	\$794		
PE652	Power Supply, 24VDC @ 24A (600W) - refer to system electrical schematic	Automation Direct	\$810		
PE1008	Surge Protector, 120VAC, 15A	Tripp Lite	\$137		Procure locally
001679	Encoder, Bi-Directional with 2540 PPR, Flange Mount	Power/Mation	\$886	1	Highly Recommended
DA701	Encoder Cable Assembly, 7-pin connector, encoder to control cabinet - 25ft length	LiteSentry LLC	\$194		Confirm length - price may vary
001647	Encoder Mounting Bracket (Assembled Kit)	LiteSentry LLC	\$852		
Thickness & Coating Sensors					
DA543	Raven Thickness & Coating Sensors	LiteSentry LLC			Contact LiteSentry
000757_3	TS3000 Thickness and Coating Sensor discerns lowE silver and i89 monolithic	LiteSentry LLC	\$8,199	1	
000757_4	TS4000 Thickness and Coating Sensor discerns lowE silver and i89 monolithic	LiteSentry LLC	\$6,687	1	
PM994	Air Conditioner, 115VAC, 2000-3000 BTU, DTS3041	Pfannenberg			Procure from manufacturer
DA839	Network Switch, 5 Port - with DIN rail mount	TRENDNet	\$69	1	Procure locally
DA1183	Thin Client with Monitor Assembly (Includes thin client, monitor, keyboard / mouse, and all cables)	LiteSentry LLC	\$702		
000755	Thin Client Assembly (Includes thin client and power supply)	LiteSentry LLC	\$341		
PE907	Cable, USB, Bulkhead, 1 Meter	L-Com	\$49		
PE968	Indicator Light, USB	Delcom	\$128		
PE1379	Barcode Scanner, Scanner and USB Receiver/Charger	Zebra	\$758		
000347	Barcode Scanner, Scanner Only	Zebra	\$741		
PE1383 & PE1384	Barcode Scanner, Charging Base with Power Adapter	Zebra	\$200		