

CHRISTIE Solaria One and Solaria One+ Preventive Maintenance Schedule		010-104651-03 Rev.2																					
Theater/House	(Enter Theater name and house number)	LEGEND																					
Projector Part/Serial #	(Enter Projector and pedestal part and serial number)	Note: R= replace with ball bearing fan																					
Pedestal Part/Serial #	(Enter Projector and pedestal part and serial number)	Inspect	Flush	Clean	Record	Replace	Add																
Server Part/Serial #	(Enter Server and Automation part and serial number)																						
Automation Part/Serial #	(Enter Server and Automation part and serial number)																						
Description		4,000 hrs/6 months	8,000 hrs/12 months	12,000 hrs/18 months	16,000 hrs/24 months	20,000 hrs/2.7 years	24,000 hrs/3 years	28,000 hrs/3.5 years	32,000 hrs/4 years	36,000 hrs/4.5 years	40,000 hrs/5 years	44,000 hrs/5.5 years	48,000 hrs/6 years	52,000 hrs/6.5 years	56,000 hrs/7 years	60,000 hrs/7.5 years	64,000 hrs/8 years	68,000 hrs/8.5 years	72,000 hrs/9 years	76,000 hrs/9.5 years	80,000 hrs/10 years	Notes	Service Part number
Date Complete		Enter Date PM was completed																					
Tech Name and Signature		CSE signature																					
Engine Cooling	Paper Intake Air Filters (Card cage and Light Engine)	Replace every 4,000 hrs / 6 months.																				003-002311-xx	
	Washable Intake Air Filters (Card cage and Light Engine)	Clean every 4000 hrs/ 6 months. Replace every 40,000 hrs/ 5 years. May need to clean more frequently depending on environment.																				003-004654-01	
	Fan/Blower/intake 12V 1.6A	Inspect every 4,000 hrs / 6 months. Clean every 8,000 hrs / 12 months. Replace every 24,000 hrs / 3 years. Check cleanliness and clean by vacuum.																				003-101451-xx	
	LE Intake Duct	Inspect every 4,000 hrs / 6 months. Clean every 8,000 hrs / 12 months. Check cleanliness and clean by vacuum.																					
	LE Intake Fan 12V 0.5A	Inspect every 4,000 hrs / 6 months. Replace every 36,000 hrs / 4.5 years. Check for dust. Check harness connection. Check the rubber mountings.																				003-110827-xx	
Lamp Cooling	Fan/Blower/intake 12V 1.6A	Inspect every 4000 hrs/ 6 months. Clean every 8000hrs/ 12 months. Replace every 24,000 hrs/ 3 years. Check cleanliness. Clean by vacuum and replace if necessary before scheduled replacement.																				003-101451-xx	
	Duct Lamp Exhaust Plastic	Inspect every 4,000 hrs / 6 months. Clean every 8,000 hrs / 12 months. Check cleanliness and clean by vacuum.																					
	Duct cathode	Inspect every 4,000 hrs / 6 months. Clean every 8,000 hrs / 12 months. Check cleanliness and clean by vacuum.																					
	Duct Anode	Inspect every 4,000 hrs / 6 months. Clean every 8,000 hrs / 12 months. Check cleanliness and clean by vacuum.																					
	Skin Intake panel (Screening)	Inspect every 4,000 hrs / 6 months. Clean every 8,000 hrs / 12 months. Check cleanliness and clean by vacuum.																					
	Skin Exhaust panel	Inspect every 4,000 hrs / 6 months. Check for any dust and blockage.																					
Lamphouse	Extractor Adapter (if used)	Measure and record every 4,000 hrs / 6 months.																				119-103105-xx	
	Lamp Reflector	Inspect every 4000 hrs/ 6 months. Clean every 12,000 hrs/ 18 months. Replace every 40,000 hrs/ 5 years. Check coating, clean when changing lamp, and check aging.																				003-103082-01	
	Cathode Lead HARN/Nut	Inspect every 4,000 hrs / 6 months. Clean every 16,000 hrs / 2 years. Check connection, discoloration, and/or for signs of deterioration.																					
	Ballast HARN CTRL/INT	Inspect every 4,000 hrs / 6 months. Check connection, insulation, UV burn, etc.																					
	Lamp Adjust (xyz Adjuster)	Inspect every 4,000 hrs / 6 months. Clean every 12,000 hrs / 18 months. Inspect moving mechanical parts and clean dust.																				003-103111-xx	
	UV Filter 80 mm Glass	Inspect every 4000 hrs / 6 months. Replace every 3 years / 24,000 hrs																				003-004458-xx	
Projector Head	Aperture; Entrance	Inspect every 4,000 hrs / 6 months. Clean every 16,000 hrs / 2 years. Check cleanliness and clean surfaces.																					
	LVPS (300W)	Inspect every 4,000 hrs / 6 months. Check cleanliness.																				003-120705-xx	
	LVPS fan	Inspect every 4000hrs/ 6 months. Replace every 36,000 hrs / 4.5 years																				003-111709-xx	
	Card Cage Fan 12V 0.5A	Inspect every 4000 hrs/ 6 months. Replace every 36,000 hrs/ 4.5 years. Check cleanliness, clean by vacuum and replace if necessary before scheduled replacement																				003-110827-xx	
	YNF	Inspect every 16,000 hrs / 2 years. Check for dust and surface cracks.																				003-103098-xx	
	Cold Mirror	Inspect every 16,000 hrs / 2 years. Check for dust and surface cracks.																				003-004459-xx	
	Integrator Rod	Inspect every 16,000 hrs / 2 years. Check for dust and surface cracks.																				003-103096-xx	
Electronics	Shutter/Shutter Motor	Inspect every 16,000 hrs / 2 years. Check mechanical parts and motor.																				003-102988-xx	
	Lamp information entered into the TPC (History)																						
	Battery on ICP (RTC Battery Only)	Replace every 4,000 hrs / 6 months. Check LCD screen display condition, touch screen working, etc.																					
TPC	Battery on PIBS1	Replace every 40,000 hrs / 5 years. Replace with Panasonic BR2330.																					
	Battery on Christie Media Block	Replace every 40,000 hrs / 5 years. Replace with Renata CR2032 or CR2032MFR.																					
	Latest Christie software version	Inspect every 4,000 hrs/6 months. Review Service Bulletin/Information Bulletin/Technical Bulletins to verify that you have the latest software version for this projector.																					
Lens Mount (Solaria One)	LCD Screen	Inspect every 4,000 hrs/6 months. Check LCD screen display condition, touch screen working, etc.																					
	Latest SW version	Inspect every 4,000 hrs/6 months. Install new version of software if any.																					
ILS (Solaria One+)	Mechanical parts	Inspect every 16,000 hrs / 2 years. Check moving parts to determine if any are stuck, worn out etc.																					
	Projector Lens	Inspect every 4,000 hrs/6 months. Install new version of software if any.																					
	Mechanical parts; motors	Inspect every 16,000 hrs / 2 years. Check motor noise and wire connections.																					
Image Evaluation	Verify onscreen image alignment	Inspect every 16,000 hrs/2 years. Check moving parts to determine if any are stuck, worn out etc. Check for motor noise.																				003-101775-xx	
	Pixel defects	Inspect every 4,000 hrs/6 months. Confirm that image locations by channel are still accurate.																					
	Excessive Image Vibration	Inspect every 4,000 hrs/6 months. Bright GRB (0.0.0) Dark GRB (1.2.3)																					
	Integrator Position	Inspect every 4,000 hrs/6 months. Greater than 1/2 pixel.																					
	Focus/Boresite	Inspect every 4,000 hrs/6 months. Check aperture shadows.																					
	MCGD	Inspect every 4,000 hrs/6 months.																					
	Light Level (set to 14 fL)	First record at 4,000 hrs/ 6 months, then record every 8,000 hrs / 12 months.																					
	Convergence	Record every 4,000 hrs / 6 months. Adjust lamp power to achieve 14fL.																					
	TCGD	Inspect every 4,000 hrs/6 months. 1.8 center, 1/4 corners																					
	LiteLOC	First record at 4,000 hrs/ 6 months, then record every 8,000 hrs / 12 months.																					
Overall Notes/Comments	Center lumens(measure and document)	Inspect every 4,000 hrs/6 months. Is LiteLOC turned on or off?																					
	PM # 1	Record every 4,000 hrs / 6 months. Verify projector is color calibrated and correct TCGD file is selected (DCI_XYZE). F-L measurement must be done using the DCI_XYZ Full Screen White test pattern.																					
	PM # 2	General note and comments on how the PM was executed																					
	PM # 3	General note and comments on how the PM was executed																					
	PM # 4	General note and comments on how the PM was executed																					
	PM # 5	General note and comments on how the PM was executed																					
	PM # 6	General note and comments on how the PM was executed																					
	PM # 7	General note and comments on how the PM was executed																					
	PM # 8	General note and comments on how the PM was executed																					
	PM # 9	General note and comments on how the PM was executed																					
PM # 10	General note and comments on how the PM was executed																						