

Christie Superior Performance Xenolite lamp series

Digital cinema exhibition
Post production



Brighter, longer-lasting Xenon lamps

Designed to maximize the brightness and reliability of today's digital cinema projection solutions, Christie's Superior Performance Xenolite lamp series leverages the latest in Xenon lamp technology to provide increased brightness, improved stability and a longer life span. This increased brightness offers more captivating 2D and 3D experiences, but doesn't come at a cost to overall lamp performance. In fact, our Superior Performance Xenolite lamps are not only brighter, they last 30% longer than existing Xenon lamps while still offering the same extraordinary 99.999% in-theater uptime. This means the show will not only go on, but it will go on brighter and with a lower total cost of ownership, increasing your theater's overall profitability.

CHRISTIE®

The benefits of Christie Superior Performance Xenolite lamps:

More usable hours per dollar

Longer warranties mean you can safely use the lamp longer under warranty

Fewer lamp replacements means lower cost of operation

Fewer lamp replacements means less maintenance

More lumens per dollar

Less brightness drop-off means more available brightness

Less brightness drop-off means less power required

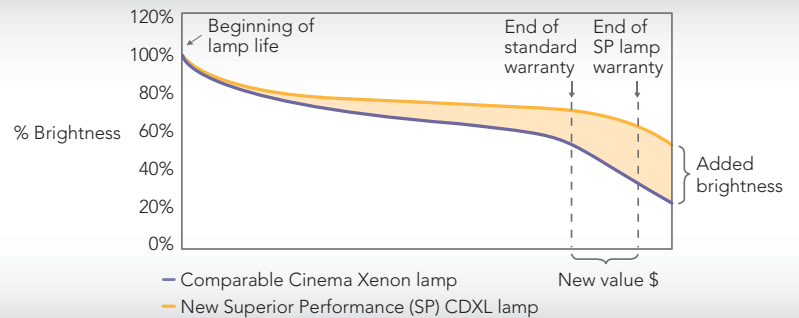
Less power required means lower energy costs and lower cost of operation

More stable brightness and reliability

New lamp technology gives Superior Performance lamps better arc stability and ignition performance

New performance with the same 99.999% in-theater uptime reliability

Superior Performance Xenolite lamps – Brightness maintenance



▲ Christie Superior Performance Xenolite lamp series provides increased brightness and 30% longer life than comparable existing Xenon lamps

“To me, it is more about how long the customer can use the lamp and obtain good results, while at the same time, reduce operating costs.”

Frank Schmitz, Head of Sales
Film Ton Technik (FTT), Germany

Superior Performance Xenolite lamps		CDXL-20SP (003-004251-01)	CDXL-30SP (003-004252-01)	CDXL-45SP (003-004253-01)	CDXL-60SP (003-004254-01)
Operational details	estimated average ¹ expected life (hrs)	• 4000 hrs	• 2800 hrs	• 1500 hrs	• 1100 hrs
	warranty	• 100% warranty to 3200 hrs	• 100% warranty to 1900 hrs	• 100% warranty to 1300 hrs	• 100% warranty to 800 hrs
	maximum lumen output	• 9000/10,000 lumens (CP2220, CP4220/ CP2230, CP4230)	• 16,000/19,000 lumens (CP2220, CP4220/ CP2230, CP4230)	• 24,000/26,000 lumens (CP2230/CP4230)	• 32,000/34,000 lumens (CP2230/CP4230)
	projector air extraction requirement	• 450 CFM	• 450 CFM	• 600 CFM	• 600 CFM
Technical data	rated input power	• 2000W	• 3000W	• 4500W	• 6000W
	rated current	• 80A	• 110A	• 145A	• 155A
	operating power range	• 1400-2000W	• 2100-3000W	• 3150-4500W	• 4200-6000W
	rated voltage	• 25V	• 27V	• 31.5V	• 39V
	cold arc gap	• 4.5mm	• 5.5mm	• 6mm	• 8mm
	lamp length (L1)	• 403mm	• 403mm	• 417mm	• 417mm
	lamp length (L2)	• 350mm	• 350mm	• 381mm	• 381mm
	LCL (L3)	• 161.5mm	• 161.5mm	• 165.5mm	• 165.5mm
	bulb diameter	• ø 55mm	• ø 60mm	• ø 80mm	• ø 80mm
	base diameter	• ø 27mm	• ø 28mm	• ø 30mm	• ø 30mm
	cathode pin diameter	• ø M14 x 1.5mm	• ø M14 x 1.5mm	• ø M14 x 1.5mm	• ø M14 x 1.5mm
	anode pin diameter	• ø 14mm	• ø 14mm	• ø 14mm	• ø 14mm
	horizontal	• ±5°	• ±5°	• ±5°	• ±5°
base surface temperature	• 200°C max	• 200°C max	• 200°C max	• 200°C max	
forced air cooling	• 10-13 m/s	• 10-13 m/s	• 10-13 m/s	• 10-13 m/s	
Compatibility	• CP2220 • CP4220 • CP2230 • CP4230	• CP2220 • CP4220 • CP2230 • CP4230	• CP2230 • CP4230	• CP2230 • CP4230	

¹ As outlined in the "Christie Xenolite® lamps and Christie Solaria® Series Usage best practices guide". Contact your Christie sales representative to receive this guide.

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