

X-Cite[®] *exacte* Technical Specifications

Lamp	
Type	Intelli-Lamp [®] , X-Cite [®] <i>exacte</i> version. Pre-aligned Mercury Arc
Power	200W DC
Lifetime	2000 hour lifetime guaranteed, 2500 hours typical
Warm-up time	4 minute warm-up, typical
Stability	
Short-term	±0.65% typical (at 20kHz sampling rate)
Medium-term	±0.6% typical (at 5ms integration)
Long-term	±2% typical, up to 100 hours with Closed-Loop Feedback (CLF)
CLF resolution	1 Hz adjustment
Shutter	
Activation	Front panel button, foot pedal, computer command, TTL input/sync output
Response time	5-6ms trigger to open/close (TTL), 15ms command to open/close (computer/GUI)
Intensity Adjustment	
Resolution	1% increments from 1-100%
Type	ND (Neutral Density) mesh
Control	Front panel buttons (coarse/fine mode), computer command
Filter	Bandpass, 340-675nm, non-removable
Communication Ports	
Remote Control	USB (type A-B), TTL (BNC)
X-Cite [®] Radiometer	3mm serial port
Electrical	
Power Supply	Power Factor Corrected, Universal Input
Input Voltage	100 - 240VAC, 50/60Hz
Current	3.5A max at 120VAC, 2.0A max at 240VAC
Input Surge	50A max. (cold start)
Fuse Rating	Dual fuse system: each fuse rated at F5.0A 250V, 5x20mm type located in the AC receptacle
Other	
Height	8.2" / 20.6cm
Depth	13.3" / 33.8cm
Width	7.1" / 18.0cm
Weight	10.8lbs / 4.9kg
Certifications	CE marked, certified to IEC, Canadian and US Standards
Warranty	1 year (excluding lamp and light guide)
Patents	X-Cite [®] <i>exacte</i> incorporates technology protected by the following patents: US# 5,521,392; US# 6,333,602; US# 6,437,861; US# 6,847,170; US# 7,335,901