

# 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:<br>US# 5,521,392; US# 6,333,602; US# 6,437,861; US# 6,847,170; US# 7,335,901 |