

X-Cite®

Fluorescence Illumination • In Control

X-Cite 120LEDmini

Compact and Simple to Use Broadband Illumination

Compact, white light source for fluorescence imaging applications

Spectrum coverage for routine fluorophore excitation

Direct coupled for high excitation power

Long-life, zero maintenance technology

Quiet operation

Variety of control options

Quality and reliability of X-Cite®



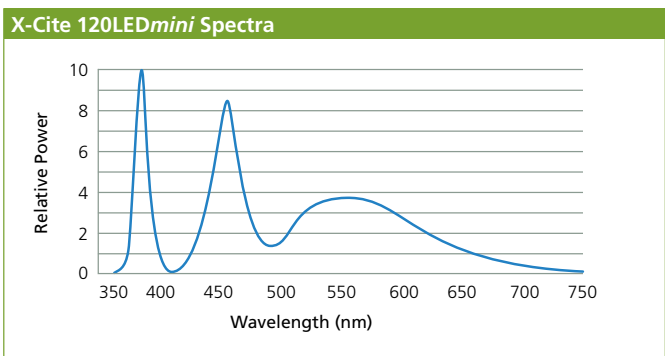
www.excelitas.com

EXCELITAS
TECHNOLOGIES®



Features	Benefits
LED Technology	Efficiency, stability, instant ON/OFF and long lifetime
White Light Excitation	Excitation of commonly used fluorophores such as DAPI, CFP, GFP/FITC, YFP, mCherry/Texas Red, and Cy5
Direct Coupled	High Power excitation
Multiple Control Options	Simple operation through USB, TTL or speedDIAL
Small Footprint	Minimal space requirement ; less bench top real estate used
Optimized Thermal Management	Maximum LED output, lifetime, stability and reliability
X-Cite Coupling Optics	Efficient optical output and uniformity with highest performing coupling optics

Technical Specifications	
Includes	X-Cite 120LED Head, <i>mini</i> Cube, speedDIAL, microscope flange, accessory kit
Wavelength Range	370-700nm
External Power Supply	Universal input 100-240VAC, 50/60Hz
Power Consumption	150W
LED ON/OFF Response Times	85µs TTL / 1ms USB
Control Options	ON/OFF - TTL compatible, speedDIAL, RS-232 commands (SDK available), USB
I/O Connections	BNC input , USB (B-type)
Dimensions - HEAD	100mm x 135mm x 110mm (W x H x D)
Dimensions - CONTROLLER	180mm x 110mm x 230mm (W x H x D)
Dimensions - speedDIAL	80mm x 59mm x 112mm (W x H x D)
Weight	3.4 kg (7.5 lb)
Certifications	RoHS, CE
Warranty	LEDs – 20,000 hours, All other X-Cite 120LED <i>mini</i> components - 1 year, parts and labor



www.excelitas.com
x-cite@excelitas.com

2260 Argentia Road
Mississauga, Ontario
L5N 6H7 CANADA

Telephone: +1 905 821-2600
Toll Free (USA and CAN): +1 800 668-8752
Fax: +1 905 821-2055