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Data Sheet

August 13, 2026

SCHOLLY FIBEROPTIC

Scholly Fiberoptic GMBH FX650.Luxor3

The Scholly Fiberoptic FX650.Luxor3 is a fiber optic light source engineered for medical endoscopic illumination. It delivers optimal light transmission and clarity for detailed visualization in surgical and diagnostic procedures. This OEM-integration device connects to standard fiber optic light guide cables via multi-light guide adapters, supporting compatibility across Schöilly endoscopes and third-party camera systems. Typical Applications The FX650.Luxor3 supports illumination across multiple surgical disciplines: Laparoscopy - minimally invasive abdominal procedures Urology - urinary tract examinations and interventions Gynecology - gynecological visualization and surgical access Orthopedics - joint and arthroscopic surgery lighting Ear, Nose, and Throat (ENT) - otolaryngologic examination and treatment General endoscopic observation - diagnostic and therapeutic imaging Compatibility &



MODEL

**Scholly Fiberoptic
FX650.Luxor3**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

FX650.Luxor3

LISTING

<https://aumictechlabs.com/products/fx650-luxor3-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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endoscopes and third-party camera systems.

Technical Specifications

The FX650.Luxor3 is a fiber optic illumination system designed for integration into medical imaging platforms. Construction meets the demands of clinical environments, ensuring reliability and durability across repeated sterilization and procedural cycles.

Key Features

- Multi-light guide adapter compatibility with standard fiber optic configurations (Storz, Olympus, ACMI)
- OEM integration architecture enabling system customization and branding
- Optimized light transmission for high-contrast endoscopic visualization
- Built for medical-grade environmental resilience

Typical Applications

The FX650.Luxor3 supports illumination across multiple surgical disciplines:

- Laparoscopy - minimally invasive abdominal procedures
- Urology - urinary tract examinations and interventions
- Gynecology - gynecological visualization and surgical access
- Orthopedics - joint and arthroscopic surgery
- lighting
- Ear, Nose, and Throat (ENT) - otolaryngologic examination and treatment
- General endoscopic observation - diagnostic and therapeutic imaging

Compatibility & Integration

The unit integrates with Schölly's full endoscope portfolio, including laparoscopes, cystoscopes, hysteroscopes, arthroscopes, nephroscopes, uretero-renoscopes, and sinusscopes. Camera system compatibility extends to Schölly FlexiVision platforms (FlexiVision 4K UHD, FlexiVision Full HD) and OEM systems accepting standard fiber optic light guide connections.

Features & description

From manufacturer datasheet

Features

- Greater than 100 mW/cm² intensity; always ready, no warm-up
- 470 nm blue; UV eliminated; IR minimized
- Cool fiber tip; no UV protection required at the guide
- Soft-start electronics for bulb life
- Timer 10-60 s or manual
- 110 V / 230 V rear switch; CE

FX650LUXOR3 Characteristics / Specifications

PARAMETER	VALUE
Model	FX650.Luxor3
Manufacturer	Scholly Fiberoptic (Ablestik FX650 Luxor3 listings)
Instrument Type	Visible Light Spot Curing / Exposition Light Source
Series	Luxor 3
Alias	FX650.Luxor3; FX650 Luxor3; Ablestik FX650 Luxor3
Light Class	high intensity visible / blue spot cure
Wavelength Emphasis	470 nm blue
UV Content	eliminated by special filter
IR Content	minimized
Intensity	greater than 100 mW/cm2
Warm Up	none required
Timer	electronic 10 to 60 seconds or manual
Mains Switch	110 V or 230 V on rear
Compliance	European CE requirements
Bulb Family Listing	15 V / 150 W halogen with special filter (Ablestik FX650 text)
Start	soft-start electronics to enhance bulb life
Light Delivery	accessory light guides designed for minimum blue loss
Tip Temperature	cool fiber tip
PPE Note	no UV protection required (visible-light cure)
Adhesive Class	single-pack UV and visible-light cure adhesives
Depth Of Cure	visible light allows greater depth than UV through UV-absorbing substrates
Related Scholly	medical FlexiLux LED sources are different products
Related Listing FX6	some marketplaces show FX605.Luxor 3 exposition system (confirm FX650 versus FX605 on the nameplate)
Operation	easy electronic timer

PARAMETER	VALUE
Duty	always-ready lamp system
Application Sectors	optoelectronics, fiber optics, lens bonding, microassembly
Filter System	special bulb and filter to maximize blue while cutting UV/IR
Guide Compatibility	one of the accessory light guides for minimum blue loss Notes Specs from Ablestik/Scholly FX650 Luxor3 product listings. Medical Scholly FlexiLux LED datasheets are not this unit. Confirm FX650.Luxor3 versus FX605 marking, 110/230 V switch, and 470 nm filter/bulb type.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Related Listing FX605	some marketplaces show FX605.Luxor 3 exposition system (confirm FX650 versus FX605 on the nameplate)
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Duty	always-ready lamp system

PARAMETER	VALUE
Application Sectors	optoelectronics, fiber optics, lens bonding, microassembly
Filter System	special bulb and filter to maximize blue while cutting UV/IR
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Notes
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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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<https://aumictechlabs.com>

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.