ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

**Artisan Technology Group**
(217) 352-9330 | sales@artisantg.com | artisantg.com

**Full-service, independent repair center**
with experienced engineers and technicians on staff.

**We buy your excess, underutilized, and idle equipment**
along with credit for buybacks and trade-ins.

**Custom engineering**
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

**Expert team | Trust guarantee | 100% satisfaction**

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Volpi Intralux 4000* at our website: ***Click HERE***

# *Fiber Optic Cold Light Sources — Intralux Series*



- For microscope illumination
- Research grade instrumentation
- Use with fiber optic ringlights, goose-necks, flexible light guides, etc
- Cold light source
- Constant color temperature and light emitting angle
- Continuous intensity adjustment
- Long lamp life
- Low noise/vibration
- Ergonomic

## *Intralux Series*

The Intralux family of light sources has represented the best in quality and performance in Fiber Optic Cold Light Illumination the world for over 20 years. They provide reliable, dependable, high-intensity cold halogen light for use with all Volpi fiber optic components in microscopy applications.

The Intralux Series is equipped with the most advanced features and highest quality components available. It includes InfraRed Reflecting Filters to ensure the coldest light possible and the unique patented Crescent Shaped Diaphragm, which provides constant color temperature and light emitting angle, and continuous intensity adjustment.

All of these light sources feature a filter slot for easily interchangeable color and daylight conversion filter capability. Three models are available to choose from. The IX 4000-1 is a 90W unit providing 320,000 footcandles of illumination and a 1000-hour lamp life. The IX 5000-1 is a 150W unit providing 450,000 footcandles of illumination and a 800-hour lamp life. The IX 6000-1 represents the top-of-the-line in features with both a high and a low voltage setting to choose from providing 670,000 and 370,000 footcandles of illumination respectively. Lamp life ranges from 100 hours on the high setting to 1400 hours on the low setting.

## *Intralux 5000-1 Dual*

- Two light sources-one system
- Utilizes up to two separate fiber optic components at any one time
- Two fiber optic inputs, two light intensity adjustment knobs, two fiber slots
- Cost savings

Single unit housing two independent Intralux 5000-1 light sources that can be operated at various intensity settings. Unit contains two fiber optic inputs, two light intensity adjustment knobs and two filter slots; one power cord.

## Specifications

| MODEL 4000-1 | |
|---|---|
| **Illumination Intensity at Light Guide Receptacle** | 320,000 ftc |
| **Uniformly Illuminated Light Guide Diameter** | 10 mm |
| **Rated Lamp Life** | 1000 hrs |
| **Color Temperature** | 3150°K, constant |
| **Light Adjustment** | Crescent shaped diaphragm |
| **Max Housing Temp.** | 100°F |
| **Lamp-EPV** | Halogen reflector, 14.5 V/90 W |
| **Dimensions, H x W x D** | 10.5 x 16.8 x 23.8 cm (4.13 x 6.63 x 9.38 in) |
| **Weight** | 4.5 kg (9.92 lb) |

| MODEL 5000-1 | |
|---|---|
| **Illumination Intensity at Light Guide Receptacle** | 450,000 ftc |
| **Uniformly Illuminated Light Guide Diameter** | 13 mm |
| **Rated Lamp Life** | 800 hrs |
| **Color Temperature** | 3190°K, constant |
| **Light Adjustment** | Crescent shaped diaphragm |
| **Max Housing Temp.** | 113°F |
| **Lamp-DDL**** | Halogen reflector 20V/150 W |
| **Dimensions, H x W x D** | 10.5 x 20.6 x 24.1 cm (4.13 x 8.13 x 9.5 in) |
| **Weight** | 6.3 kg (13.89 lb) |

| MODEL 6000-1 | |
|---|---|
| **Illumination Intensity at Light Guide Receptacle** | At high intensity (h): 670,000 ftc<br>At low intensity (l): 370,000 ftc |
| **Uniformly Illuminated Light Guide Diameter** | 13 mm |
| **Rated Lamp Life** | (h) 100 / (l) 1400 hrs |
| **Color Temperature** | (h) 3280 / (l) 3140°K, constant |
| **Light Adjustment** | Crescent shaped diaphragm |
| **Max Housing Temp.** | (h) 117 / (l) 110°F |
| **Lamp-DDL**** | Halogen reflector, 20V/150W |
| **Dimensions, H x W x D** | 10.5 x 20.6 x 24.1 cm (4.13 x 8.13 x 9.5 in) |
| **Weight** | 6.4 kg (14.11 lb) |

**Power**

| | Intralux 4000-1 | Intralux 5000-1 | Intralux 6000-1 |
|---|---|---|---|
| **120V, USA/Canadian** | **CGS-8102.78** | **CGS-8107.78** | **CGS-8112.78** |
| **230V, Euro** | **CGS-8103.78** | **CGS-8108.78** | **CGS-8113.78** |
| **100V, Japan** | **CGS-8104.78** | **CGS-8109.78** | **CGS-8114.78** |
| **250V Euro** | **CGS-8105.78** | **CGS-8110.78** | **CGS-8115.78** |
| **230V China** | **CGS-8106.78** | **CGS-8111.78** | **CGS-8116.78** |

| Catalog No. | Product |
|---|---|
| **CGS-8117.78** | Intralux 5000-1 Dual 120V USA/ Canadian |
| **CGS-8118.78** | Intralux 5000-1 Dual 230V Euro* |

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

**Artisan Technology Group** is an independent supplier of quality pre-owned equipment

## Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

## We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

## Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP