



Light is vision.

Intralux® 5100

21V/150W cold light source with superior illumination intensity and long lamp life



Features and Benefits

- Compatible with all Volpi fiber optic components
- Mechanical brightness adjustment at constant color temperature and light emitting angle
- Ergonomic design with small footprint and recessed handle for portability
- Filter insertion for color and daylight filters
- Quick bulb replacement - reduces down time

Technical Specifications

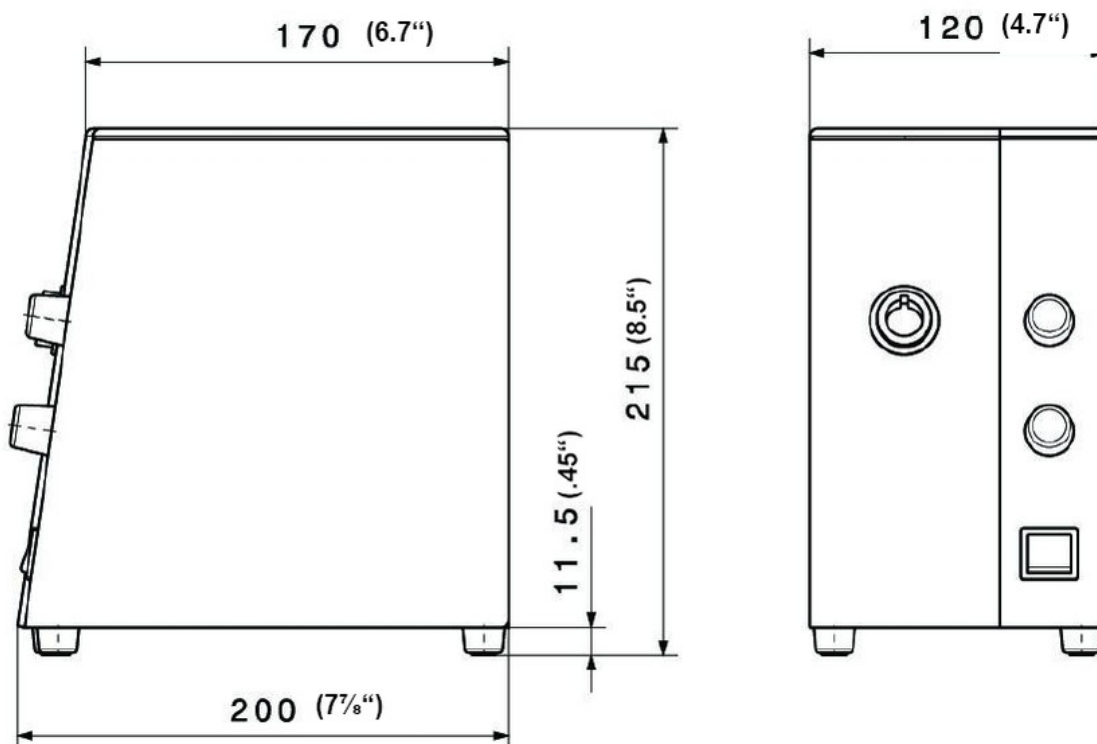
Average lamp life	900h (85% intensity)
Color temperature at 100% intensity	3433K
Illumination intensity at 110% voltage at light guide input	12.3 Mlux
Max. illuminated light guide-Ø	13mm
Mechanical light guide connector Ø	15mm
Electrical light adjustment	8-step switch
Mechanical light adjustment	Crescent Shaped Diaphragm, 16-steps
Halogen reflector lamp	EKE 21V/150W
Line voltage +/- 10%	120V/60Hz USA
Power consumption	190W
Weight	4.6kg (10lbs)
Housing	Metal, powder coated

Approvals: UL610-1, CAN/CSA61010-1, CE/Product Safety: IEC/EN6101-1:2001, EMC: Emission: IEC/CISPR 11, ClassB/, Immunity: IEC 6100-4-2 to 6 and 11



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Dimensions



Insert Filters for Intralux® Light Sources

Blue filters enhance **red** and **yellow** objects and lighten **blue** and **green** objects. They also reduce glare from highly reflective material such as metal. **Red filters** tend to **darken blue** and **green** objects and are useful for black and white applications. **Green filters increase contrast** for **blue** and **red** objects and **brighten yellow** and **green** objects. **Yellow filters** of specific band widths may be used as a **safe light** when working with **photo resist** materials.

Daylight Conversion Filters increase the color temperature of the light to 5500°K, natural daylight. Daylight filters reduce glare from reflective materials and may reduce eye strain. "A must" for photography.

Filters of the same color will enhance detail that is highly dense and color saturated. Filters of the opposite or complementary color will enhance detail that is pale.



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Variants

Product	Part No.
Intralux® 5100 USA/CDN 120V	10438.000
Intralux® 5100 EURO 230V	10437.000

Accessories

Product	Part No.
Spare Lamp	
EKE Lamp 21V/150W Halogen For Intralux® 5100, 5/6000-1, dc-1100, V-Lux, NCL 150	13695
DDL Lamp DDL Lamp for Intralux 5/6000-1 / NCL 150 / V-Lux 1000, 20V/150W	23500.014
EPV Lamp EPV Lamp for Intralux 4000-1, 14.5V/900W	23829.025
Filter	
Excitation filter 530nm Excitation Filter, BP 546 for all Intralux® Light Sources and NCL 150	30450.002
Excitation filter 425nm Excitation Filter, BP 435 for all Intralux® Light Sources and NCL 150	30449.002
Excitation filter 470nm Excitation Filter, BP 440-480 for all Intralux® Light Sources and NCL 150	24902.002
Complete Filter Set One each of blue, red, green, yellow and daylight filter for Intralux® Light Sources & NCL 150	15800
Blank Filter Holder Blank Filter holder for quick filter changes	23500.032
Daylight Filter Daylight filter for all Intralux® Light Sources and NCL 150 Light Source	23500.084
Filter yellow Yellow filter for all Intralux® Light Sources and NCL 150 Light Source	23500.083



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Product	Part No.
Filter green Green filter for all Intralux® Light Sources and NCL 150 Light Source	23500.082
Filter red Red filter for all Intralux® Light Sources and NCL 150 Light Source	23500.081
Filter blue Blue filter for all Intralux® Light Sources and NCL 150 Light Source	23500.080
Foot Switch	
Foot Switch For IntraLED 2020, Halogen Light Sources and LED Ringlights (plug and play).	60197.000