

LIGHT SOURCES



150Watt DC regulated
Standard Quartz Halogen Light source
DR Model

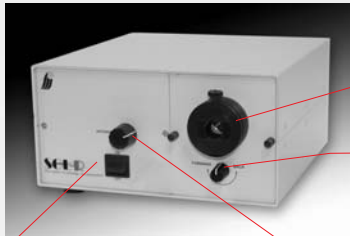
Introducing proprietary Lamp Tuning
& Plug N' Play modularity

Tune the lamp-to-input distance for maximum energy transfer, minimize the "black hole", and optimize performance!



SOL-R 150DR P/N FTIII16795

FTIII16795



1" Bezel designed to accept all brands of fiberoptic input.

Adjustable lamp transport knob - change the distance of the lamp to the input, "tuning" light output for your specific requirements.

Independent on/off switch maintains intensity setting while controlling power to the unit.

0-100% Dimming control

OPTIONS

- RS232 plug in module for computer interface.
- Internal condenser lens to maximize output.
- Color filters.
- Adjustable aperture to maintain color temperature.
- Remote Lamp cartridge housing
- Adapters to accept all fiber optic brands.

FEATURES

- Externally adjustable transport positions the lamp at infinitely adjustable focus distances - "tune" the lamp to maximize performance for any reflector/bulb/fiber input combination.
- Solid State dimmer, 0-100%
- Modular design - RS232 capable - internal plug n' play module expands capability to meet the most demanding requirements. No external boxes, cords, or programming required.
- 1" input designed to accept large diameter fiber bundles, or optional adapters for all major manufacturer's fiber inputs.
- Front access lamp cartridge plugs into the housing for instant access and easy lamp change. Can be remoted with optional enclosure and connection.
- 85-264 volt universal input voltage
- 2 year warranty.
- Overall Height: 5" (127 mm)
Overall Width: 9" (229 mm)
Overall Depth: 9" (229 mm)
Unit Weight: 6.3lbs. (2.24 kg) including cord.
- CSA and CE certified.

Power Supply Specifications

Maximum Rated Power Output	201.6watts
Output Voltage	0-21 volts
Input voltage rating 50/60 Hz	85-264 VAC
Hold-up Time, Nominal AC Input, Full Load	8.4 milliseconds
Line Regulation, entire range	+/- 0.5%
Current Limit Set point	8.5 Amps
Temperature Range: Operating	0° to 45° C
Storage	-25° to 85°C
Relative humidity, Non Condensing	5% -to 95%
Vibration: 10-500Hz, 2G 10 min./1cycle, Period for 60min. Each axis.	

*-Specifications subject to change without notice

P/N	Description	Dimensions (DxWxH)	Weight
FTIII16795	SOL-R 150DR 150W Quartz halogen	9.00x9.00x5.00 (229x229x127mm)	6.3LB (2.86KG)



CORPORATE HEADQUARTERS

fiberoptics technology incorporated

ESTABLISHED 1977

1 Quasset Road, Post Office Box 286, Pomfret, Connecticut 06258

PHONE 800.433.5248 • FAX 860.928.7664 • WEBSITE: www.fiberoptix.com • E-MAIL: info@fiberoptix.com

LAMPS and ACCESSORIES

Lamp types



P/N	Voltage	Wattage	Description	Avg Life (Hrs)	Focal Distance	Spot Size	Beam Spread (NA)	Color Temp (°K)
FTIII10029	21	150	EKE Projector	200	1.8-2.9"	.5-1"	*45°	3250
FTIII10846	21	150	EJA Projector	40	1.1"	.25"	*60°	3350
FTIII16933	20	150	DDL Projector	500	2-2.75"	.75-1"	*20°	3150
FTIII16934	21	150	EKE Projector for IR	200	1.8-2.9"	.5-1"	42°	3250

* - Approximate beam angle



Filters

P/N	Description
FTIII16867-08	Red Dichroic Filter
FTIII16867-09	Yellow Dichroic Filter
FTIII16867-10	Blue Dichroic Filter
FTIII16867-11	Daylight Dichroic Filter
FTIII16867-12	Heat mirror Dichroic Filter

Accessories

P/N	Description
FTIII16867-01	RS232 Module for SOL-R
FTIII16991	Iris for maintaining color temperature
FTIII16796-01	After market Light feedback module for SOL-R 150 DC



CORPORATE HEADQUARTERS

fiberoptics technology incorporated

ESTABLISHED 1977

1 Quasset Road, Post Office Box 286, Pomfret, Connecticut 06258

PHONE 800.433.5248 • FAX 860.928.7664 • WEBSITE: www.fiberoptix.com • E-MAIL: info@fiberoptix.com