

LIGHT SOURCES

SOL-R 150 DL

150Watt DC regulated
Quartz Halogen Light source with Feedback
FTIII16797

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!



FTIII16797

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

Linear readout accurately displays output from 0-100%. Switch selectable scale can be set to read voltage or Intensity.

As the lamp deteriorates, the readout changes to alert user.

Optional feedback module keeps output stable over the life of the lamp and Lamp-to-lamp.

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

OPTIONS

- RS232 plug in module for computer interface.
- Internal condenser lens to maximize output.
- Color filters.
- Aperture to maintain color temperature.
- Mechanical shutter.
- Adapters to accept all fiber optic brands.

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



SOL-R 150DL P/N FTIII16797

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% linear digital readout in two scales - monitors lamp degradation. Using the photonic scale, The user can monitor lamp deterioration as the readout changes, alerting user to adjust output.

Using the voltage scale, adjust output to match a desired lamp life, or calculate PM schedules.

- Internal light feedback feature maintains preset output over the life of the lamp within 1%. Optional calibrator maintains output lamp-to-lamp within 2%
- 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.
- Baffled enclosure prevents glare and distraction in close quarter operating environment.
- 85-264 volt 50-60 Hz universal input voltage.
- 2 year warranty.
- CSA approved; CE certified.

P/N	Description	Dimensions (DxWxH)	Weight
FTIII16797	SOL-R 150DL 150W Quartz halogen	9.00x9.75x4.75 (159x106x75mm)	6.3LB (2.86KG)



CORPORATE HEADQUARTERS

fiberoptics technology incorporated
ESTABLISHED 1977

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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



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



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