GAM PRODUCTS, INC.
4975 West Pico Blvd. TEL: [323] 935.4975
Los Angeles, CA 90019 FAX: [323] 935.2002
www.gamonline.com

FILM|FX™

FILM/FX™ SPECIFICATIONS — Catalog # TSL5801

- Continuous pattern loop motion
- Unique patented slip-on loop design for quick and easy changing of the pattern loop
- Several control choices:
  - Film/FX™ variable speed
  - Film/FX™ variable speed with inline speed control
  - Available in 120v or 230v
- Supplied with single power supply that can be plugged into any AC outlet or dimmer for speed control
- Wide variety of FX/Loops to choose from
- Stainless steel housing: ensures stability of the drive mechanism in the high heat environment of an ellipsoidal spotlight
- Precision-machined drive rollers and high performance, low voltage motor provide reliable continuous performance

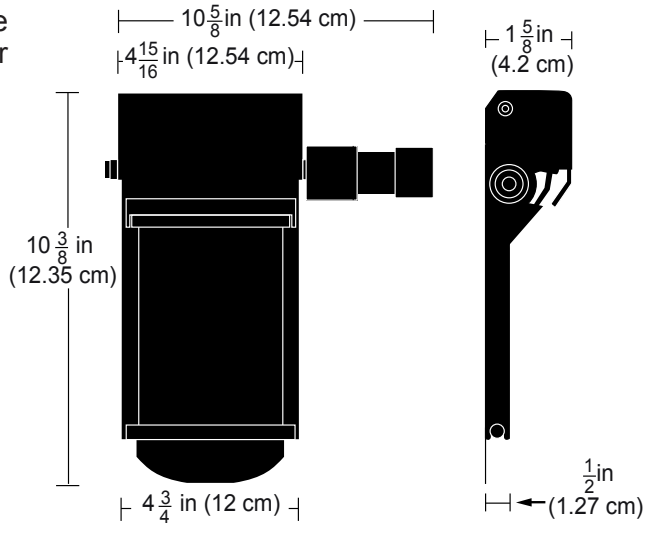
The GAM Film/FX™ fits into the drop-in iris slot of an Altman Shakespeare, ETC Source Four or Strand spotlight to create a compact and powerful scenic projector. Special effects such as moving clouds, rain, snow, fire, water ripples and other scenic elements are made easy. The off-the-shelf collection of GAM Pattern Loops makes the Film/FX™ one of the most economical and efficient projection systems ever available for theatrical production.

Dimensions:

Width:	Top	4-15/16 in (12.5 cm)
	Bottom	4-3/4 in (12 cm)
	with Motor	8-5/8 in (21.9 cm)
Height:	10-3/8 in (26.3 cm)	
Depth:	1-5/8 in (4.12 cm)	
Weight :	2 lbs, 5 oz (1.04 kg)	
Finish:	Stainless Steel, Brushed Finish	
Connector:	@120v Edison U-Ground @230v 2-Pin European	
Cable:	6 ft #18 AWG	
Power Draw:	.5 Amp at 120v with our fixed 12VDC transformer TSPS-20	

Item #	Description
TSL5801	Film/FX™ with Variable Speed 120 Volt
TSL5802	Film/FX™ with Variable Speed 230 Volt
TSL5804	Film/FX™ with Inline Speed Control 120 Volt
TSL5805	Film/FX™ with Inline Speed Control 230 Volt

Film/FX™ is supplied with attached transformer/power supply and can be plugged into any dimmer for speed control.



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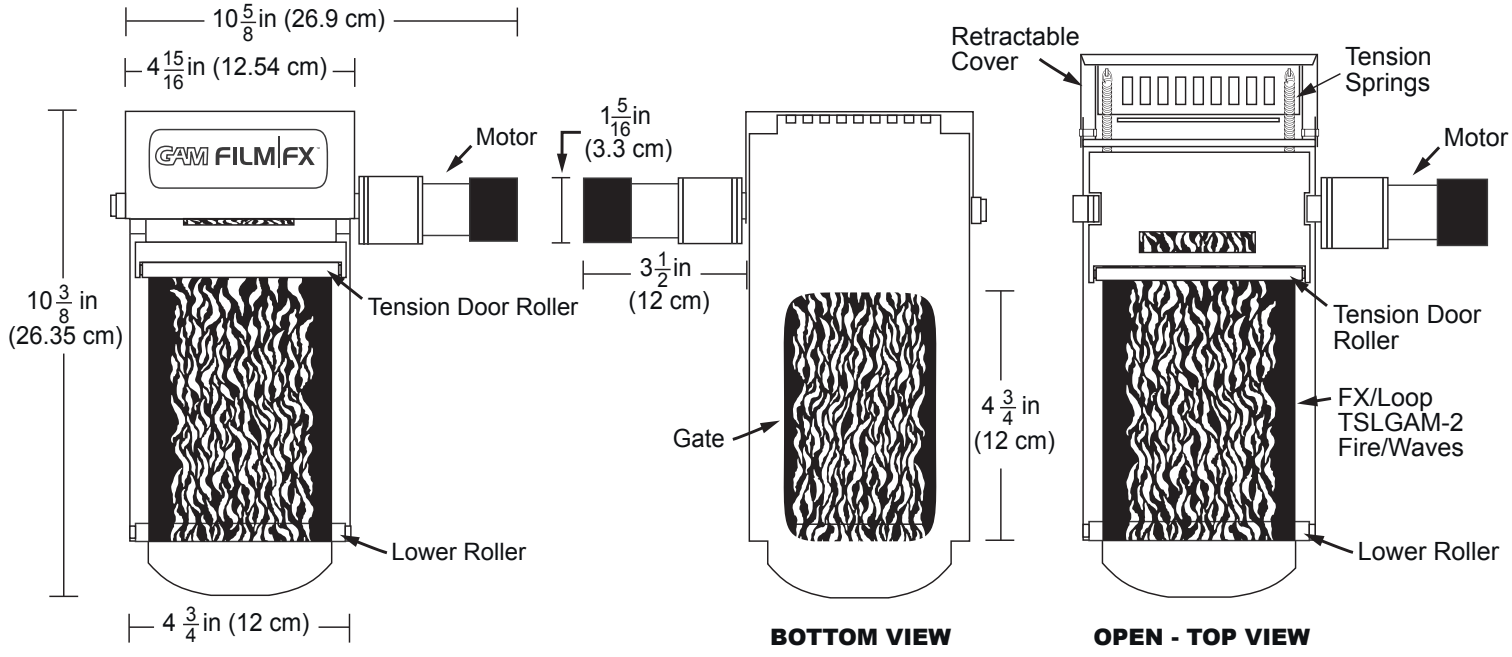
The frame of the Film/FX™ unit shall be manufactured from stainless steel formed to fit inside of specified lighting units. Support frame shall be formed and machined to the specific dimensions shown on the drawing. The overall dimensions of the Film/FX™ support frame shall be 4-3/4 inches wide at the base and 4-15/16 inches wide at the top of the assembly. Overall height shall be 10-3/8 inches. With the upper roller motor drive installed, it shall be 8-5/8 inches wide and the motor shall extend 3-1/2 inches from the frame with a diameter of 1-5/16 inches. Complete unit shall weigh 2 lbs. 5 oz. and at 120 Volts AC it will draw 0.065 amps.

Sheet metal frame shall consist of three parts: support frame, Loop tension door, and Top hatch. Loop tension door shall pivot on two Teflon™ support posts. Two springs shall be attached to the Loop tension door and the support frame so that it may be brought down to maintain tension on the FX/Loop (separate item). Across the forward edge of the tension lid shall be secured a Teflon™ roller assembly measuring 5/16-inch in diameter and designed to roll with some tension on the Film/FX™ when the tension lid is in the closed position. Top hatch shall also pivot on two Teflon™ posts and two springs shall be attached to the support lid and the frame to hold the support lid in the closed position.

Retainer slots shall be cut in the support tray to allow the upper roller and motor assembly to position correctly. The upper roller shall consist of a machined stainless steel shaft ending in a ball bearing slotted roller. Mounted on the shaft shall be two drive rollers which are circled in Teflon™ each measuring 7/8-inch in diameter, and a second ball bearing slotted roller that positions in the retainer slots. This assembly shall be attached to a mounting plate and on the mounting plate shall be a motor locating pin and a low voltage Pittman motor to drive the upper roller assembly. The lower roller assembly shall consist of a machined stainless steel rod with a series of six Teflon™ rollers end to end measuring 13/32-inch in diameter. Attached to the motor shall be a switched six-step power transformer, 120 Volts in to a max 12 Volts out. The low voltage cable from power transformer to motor shall be 6-feet long, and three feet of it encased in a high temperature fiberglass sleeve. The transformer shall terminate in a two-pin Edison connector. Fiberglass sleeve and cable at the motor end shall be tie wrapped to the motor to secure it, and the motor end shall be fitted with a black cover cap. The Film/FX™ unit shall be as manufactured by GAMPRODUCTS, INC., Los Angeles, California, model number **TSL5801**, 120 Volts, or **TSL5802**, 230 Volts.

Inline Speed Control Model

Film/FX™ unit may be supplied with an inline speed control. A small variable transformer is mounted on the power cord and the unit now can have its speed control from two points, the inline speed control and (if you so choose) by also plugging it in to a dimmer. Film/FX™ with inline speed control shall be as manufactured by GAMPRODUCTS, INC., Los Angeles, California, model number **TSL5804**, 120 Volts, or model number **TSL5805**, 230 Volts.



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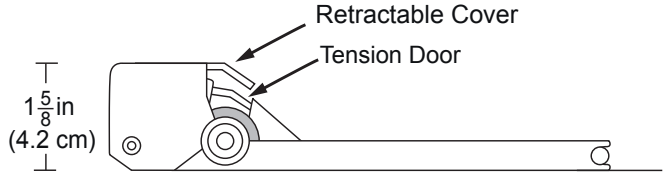

SIDE VIEW

Film/FX™ is supplied with attached transformer/power supply and can be plugged into any dimmer for speed control.

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