

STARLETTE

Starlette 1000

Fresnel the first in the range of
STARLETTE 1kW
Spotlights



This obedient little lady is a true professional, elegant yet tough. This headline attraction will be topping the bill with years of trouble-free lighting. The STARLETTE has been designed as a compact and lightweight unit to give years of excellent service.

Created to complement the Silhouette range of profile spots, the STARLETTE will accept many of the same accessories. It is equally at home in the theatre or T.V. studio and provides a smooth soft-edged beam with minimum spill.

A set of rotating barndoors is available for additional beam shaping. Produced in consultation with professional lighting designers, the unit incorporates several unique attributes combined with some of the best safety features available today:—

- Variable beam — wider range
- Fast, easy lamp change
- Fast focusing
- Totally enclosed accessory runners
- External access to connector block

general information

The lantern is constructed from aluminium extrusion and castings giving it very good heat dissipating properties while being strong but lightweight.

The unit is finished in a durable black texture epoxy coating with a high resistance to chipping and marking.

Access for relamping and lens or reflector cleaning is easily obtained by releasing the catch securing the hinged bottom baffle. Internal access does not necessitate disturbing any of the lantern settings, thus constituting a major advance in both safety and artistic operation.

Focusing is achieved with a large heat resisting plastic knob which is attached to the earthed light-weight lamp carriage which slides on non-stick PTFE runners allowing rapid precise setting.

The unit has a high performance lens designed for use with modern tungsten halogen bulbs and delivers a smooth even field. The lens is protected by a retained wire lens guard and is mounted on silicone rubber mountings.

The unit can be focused to any angle between spot and flood positions, always producing a bright high light output.

Fully enclosed DIN sized accessory runners are fitted with a hinged lid retained by a single spring clip to ensure compliance with the highest safety standards.

The heat resistant cable is connected to the luminaire by a connector block located in an integral die-cast box, accessible from the outside of the lantern.

The lantern has a sturdy rear handle for assistance during setting. A large clamp disc is provided to positively lock the tilt setting, and the yoke has a secondary pivot point for use in situations of restricted height.



theatre lighting limited

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Specification

The STARLETTE 1000 Fresnel Spotlight is fitted with:—

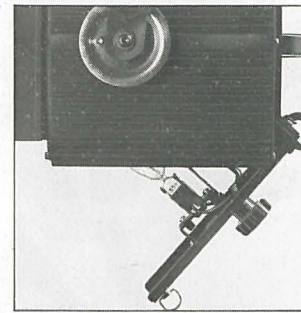
- 1 Fresnel Lens 150mm diameter
- 1 Wire Lens Guard
- 1 Anodised aluminium reflector
- 1 Terminal block and strain relief gland
- 1 Yoke with fixing holes to DIN standard 15560. (The centre hole is tapped to take a BS4015 spigot where applicable).
- 1 Rear Handle
- 1 Filter Frame (DIN size 185mm sq)
- 1 ½ Whitworth nut, bolt and washer set
- 1 G X 9.5 lampholder on carriage
- 1 x 1 metre heat resistant cable

ACCESSORIES:

- Barndoor unit
- Safety Chain
- Automatic Colour Changer
- Extra Filter Frames
- Telescopic Stand



Enclosed accessory runners with hinged lid and spring clip



Hinged bottom baffle for internal access

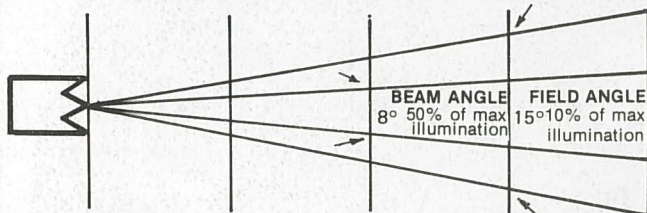
PHOTOMETRIC DATA

STARLETTE 1000 SPOT FOCUS

ILLUMINATION Lux at centre beam

T11 (1000W 750hrs) 23,000 lm	1264	711	455	316
	Candlepower 102,400			

FIELD DIAMETER METRES	2.4	3.2	3.9	4.7
BEAM DIAMETER METRES	1.3	1.7	2.1	2.5
DISTANCE METRES	9	12	15	18



DISTANCE FEET	30	40	50	60
BEAM DIAMETER FEET	4.2	5.6	7.0	8.4
FIELD DIAMETER FEET	7.9	10.5	13.2	15.8

ILLUMINATION Foot candles at centre beam

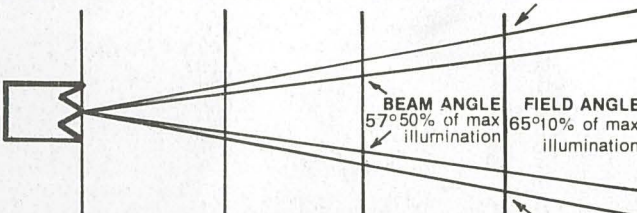
T11 (1000W 750hrs) 23,000 lm	114	64	41	28
	Candlepower 102,400			

STARLETTE 1000 FLOOD FOCUS

ILLUMINATION Lux at centre beam

T11 (1000W 750hrs) 23,000 lm	1422	632	356	228
	Candlepower 12,800			

FIELD DIAMETER METRES	3.8	5.7	7.6	9.6
BEAM DIAMETER METRES	3.3	4.9	6.5	8.1
DISTANCE METRES	3	4.5	6	7.5



DISTANCE FEET	10	15	20	25
BEAM DIAMETER FEET	10.9	16.3	21.7	27.0
FIELD DIAMETER FEET	12.7	19.1	25.5	31.9

ILLUMINATION Foot candles at centre beam

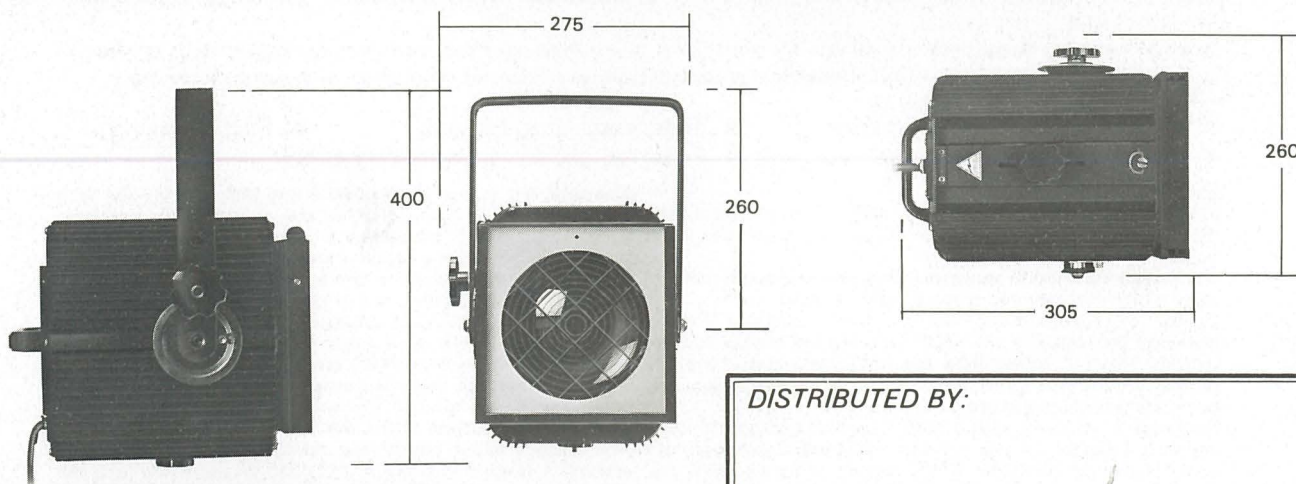
T11 (1000W 750hrs) 23,000 lm	128	57	32	20
	Candlepower 12,800			

Photometric data with T11 bulb at rated voltage and without wire lens guard. For use with wire lens guard derate intensities by 8.5%.

APPLICABLE LAMPS

WATTAGE	BASE	LAMP	LAMP LIFE	COLOUR TEMP	OPERATING POSITION
650	GX9.5	CP23	100 hours	3200°K	± 90°
650	GX9.5	T12	750 hours		± 90°
1000	GX9.5	CP24	200 hours	3200°K	± 90°
1000	GX9.5	T11	750 hours		± 90°

DIMENSIONS AND WEIGHTS



Nett Weight: 5.2kg Gross Weight: 6.2kg
Packing: one unit per box
Dimensions boxed: 300 x 310 x 410
Gross Volume: 0.04 cubic metres
Barndoor Nett Weight: 0.9kg

DISTRIBUTED BY: