

Strong TROUPERETTE

Trouperette III Technical Information



The Strong Trouperette III Model 45003 features the following; easy-to-operate, high efficiency Quartz-Halogen high intensity light source.

Variable Focal Length Lens System. Six-filter color boomerang. Lightweight for ease in trouping.

Light Data

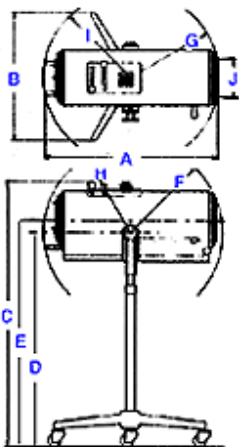
Variable Lens System Performance at Various Distances

MAXIMUM FLOOD		SMALL SPOT		MIN. SPOT DIA. WITH IRIS CLOSED		
Throw in Feet	Diameter in feet	Foot Candles	Diameter	Foot Candles	Diameter	Foot Candles
40	15.2	52	5.0	240	12	240
50	19	32	6.3	155	15	155
60	22.8	23	7.5	110	18	110
70	26.6	17	8.7	81	21	81
80	30.4	13	9.9	63	24	63
90	34.2	10.2	11.2	49	27	49
100	38	8.3	12.4	39	30	39

Specifications

Letter/Description/Dimension

- A. Overall length of unit ... 33"
- B. Overall width of unit at base ... 26"
- C. * Overall height of unit ... 52"
- D. * Height of pivot point ... 41"
- E. * Height of beam axis when horizontal ... 44"
- F. Front clearance radius for vertical movement ... 17"
- G. Front clearance radius for horizontal movement ... 17"
- H. Rear clearance radius for vertical movement ... 16"
- I. Rear clearance radius for horizontal movement ... 16"
- J. Maximum height at rear with maximum downward tilt ... 55"
- K. Maximum height at front with maximum upward tilt ... 57"
- L. Diameter of beam at unit ... 7"
- M. Maximum diameter of beam with 200' throw ... 42"
- N. Minimum diameter of beam with 200' throw ... 32"



* Measurements shown with spotlight at lowest height. Spotlight base provides variable adjustment upward of 25 inches

Maximum downward tilt ... 36°
 Maximum upward tilt ... 32°
 Horizontal sweep ... 360°
 Net weight ... 74 lbs.
 Gross weight ... 90 lbs.
 Spotlight domestic pack ...

419"x18"x17"

Mechanical

- "Cold Metal Reflector (can be matched for exact color temperature)
- Six Color Boomerang with Color Filters
- Ultra-Violet Filter
- Horizontal Masking Control/ Masking Shutter Blades
- Nichrome Steel Iris
- Spot Focus Adjusting Control
- Manual Dimming control
- Controls for adjusting Height, Vertical/Horizontal movement
- Bulb Operation Elapsed Time Meter
- Fixture Mounted On/Off Toggle Switch

Electrical

- 1000 watt 115 volt, type FEL Quartz Halogen projection bulb. Approx. Line Draw (9 Amp sustaining, fuse for 15 Amp.) equipped with 25 fr. of 3-wire cable
- Estimated bulb life: 250 hrs.
- Pivot-bulb design permits relamping in seconds and focusing of the bulb