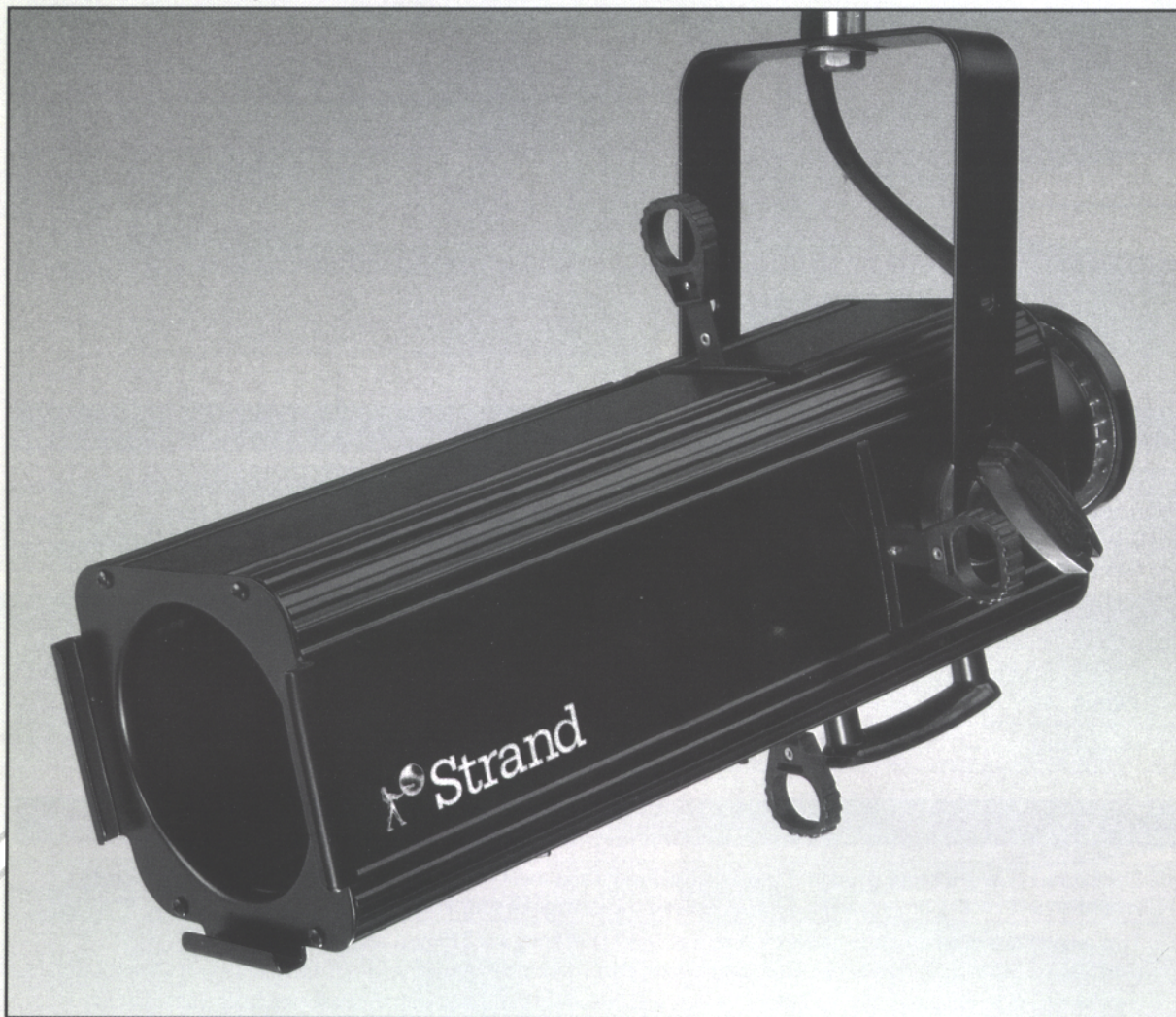


LEKOLITE® 2205

VARIABLE FOCUS SPOTLIGHT



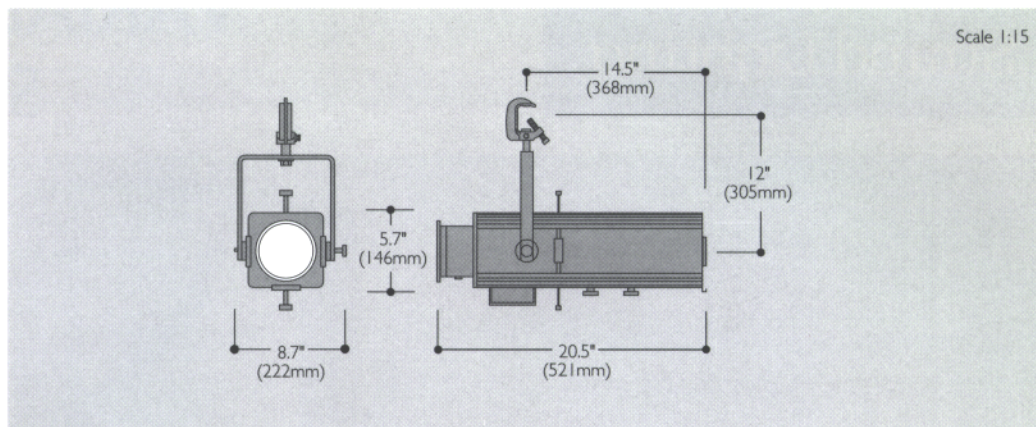
The Strand zoom Ellipsoidal Lekolite is ideal for use in smaller performance spaces.

- Designed for 150W, 250, 400W or 500W axially mounted tungsten halogen lamps.
- Variable focus: 25°, 30°, 40°, 50° or anywhere between, at the touch of a knob.
- Joystick lamp positioning and separate quick focus adjustment.
- Easy access for re-lamping.
- Extruded aluminum construction for lightweight strength.
- Thermally insulated operating controls.
- New lens and reflector design for outstanding performance.
- Entire unit is UL listed and CSA approved in Canada.

Lekolite 2205 Variable Focus Spotlight



Supplied complete with a malleable iron C-clamp



	Weight
Lekolite 2205	15lbs(6.75kg)

Operational Data

Lamp Adjustment	The lamp socket housing assembly consists of a finned aluminum heat sink with a thermally insulated plastic ring attached to the rear. A lamp alignment knob allows socket movement to adjust the light distribution across the field. The complete lamp assembly slides within the rear fixture housing for linear focus adjustment of the field from peak (hot center) to flat field. A thermally insulated plastic knob locks the lamp housing securely in position.
Beam Shaping	The dual lens combination provides continuously variable soft or sharp beam definition between 25° and 50° beam spreads. Four push shutters are included to shape the beam at any spread, and a template slot is mounted within the housing for a pattern holder.
Operating Angles	+90° 0 -90°
Standards	UL and CSA

Mechanical Data

Construction	The fixture housing is constructed from extruded aluminum and sheet metal infill panels designed to allow adequate ventilation and cooling of the interior without allowing the passage of stray internal reflections.
Lens	Two ground and polished plano-convex lenses, 4 1/2" x 9" (114.5mm x x 229mm) and a 4 1/2" x 6 1/2" (114.5mm x 165mm), in high temperature borosilicate glass. They are mounted on a carriage track which allows each lens to slide independently on Teflon® guides, and be locked into place with thermally insulated plastic knobs.
Reflector	Double flatted ellipsoidal specular Alzak processed aluminum reflector.
Finish	Powder coated and baked epoxy finish - black.

Electrical Data

Supply Voltage	110V-240V 50/60Hz
Max Wattage	500W
Lamp/socket type	MC Mini can base 500W EVR lamp recommended.
Supply cable	3x3' TAGT leads rated at 250°C in fiberglass sleeve.

Performance Data

All performance data shown at cosine distribution where $\frac{1}{2}$ of center intensity is reached at $\frac{2}{3}$ of total spread. Cosine distribution is suitable for average conditions when several units are blended for smooth lighting of an area.

25° Position

Distance - Feet	20	25	30	35
Footcandles - At center	65	42	29	21
Diameter - Feet	8.8	11	13.2	15.4

1/2 Peak Angle - 16°

Cut-Off Angle - 25°

Distance - Meters	6	7.5	9	10.5
Lux - At center	722	462	321	236
Diameter - Meters	2.6	3.3	4	4.6

Performance at any distance:

Footcandles or Lux = 26,000/Distance²

Diameter = Distance x 0.44

30° Position

Distance - Feet	15	20	25	30
Footcandles - At center	111	62.5	40	28
Diameter - Feet	8.1	10.8	13.5	16.2

1/2 Peak Angle - 20°

Cut-Off Angle - 30°

Distance - Meters	4.5	6	7.5	9
Lux - At center	1235	694	444	309
Diameter - Meters	2.4	3.2	4	4.9

Performance at any distance:

Footcandles or Lux = 25,000/Distance²

Diameter = Distance x 0.54

40° Position

Distance - Feet	10	15	20	25
Footcandles - At center	180	80	45	29
Diameter - Feet	7.3	11	14.6	18.25

1/2 Peak Angle - 25°

Cut-Off Angle - 40°

Distance - Meters	3	4.5	6	7.5
Lux - At center	2000	889	500	320
Diameter - Meters	2.2	3.3	4.4	5.5

Performance at any distance:

Footcandles or Lux = 18,000/Distance²

Diameter = Distance x 0.73

50° Position

Distance - Feet	7.5	10	12.5	15
Footcandles - At center	249	140	90	62
Diameter - Feet	7	9.3	11.6	14

1/2 Peak Angle - 20°

Cut-Off Angle - 50°

Distance - Meters	2	3	4	5
Lux - At center	3500	1556	875	560
Diameter - Meters	1.9	2.8	3.7	4.7

Performance at any distance:

Footcandles or Lux = 14,000/Distance²

Diameter = Distance x 0.93

Ordering Information

Model		Part Number
Lekolite®	Variable Focus Ellipsoidal with C-clamp	2205

Accessories	Part Number
Color Frame	1105
High Hat	1331
Pattern Holder	1345
Iris Kit	1355
Safety Cable	1500

Lamps	Watts	M.F.	Life (Hrs.)	Color Temp. (K)
EVR	500	1.0	2,000	2900
Q150 CL/MC	150	0.27	2,000	2900
EHT	250	0.48	2,000	3000
Q400 CL/MC	400	0.79	2,000	2900
JD500 220/240V	500	0.96	500	3000

The company reserves the right to make any variation in design or construction to the equipment described.
 Lekolite® is a trade mark of Strand Lighting Limited and Strand Lighting Inc. Strand and Strand Lighting are registered Trade Marks.
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