FRESNELITE 6" & 8"
500, 750, 1000/2000W

- High-output Fresnels
- Lightweight extruded aluminum body
- 1000W and 2000W
- Vented lens door
- Smooth and concise spot-to-flood adjustment
- All handles thermally insulated
- Barndoor optional extra
- Bi-post socket version available. Ideal for small television studios particularly low-power, educational and in-house commercial and industrial facilities
- Supplied in black finish with mounting yoke with C-clamp, and 3’ (0.9m) power cable with bare leads or connector specified
- Can be used for 220V operation (Consult factory)
- UL cUL listed

Weights and Dimensions

<table>
<thead>
<tr>
<th></th>
<th>Fresnelite 6&quot;</th>
<th>Fresnelite 8&quot;</th>
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</thead>
<tbody>
<tr>
<td>Weight</td>
<td>10.5lbs (4.8kg)</td>
<td>17.0lbs (7.7kg)</td>
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<tr>
<td>Length</td>
<td>12.1&quot; (307mm)</td>
<td>14.4&quot; (366mm)</td>
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<tr>
<td>Width</td>
<td>10.2&quot; (259mm)</td>
<td>12.7&quot; (323mm)</td>
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<tr>
<td>Height</td>
<td>12.3&quot; (312mm)</td>
<td>16.7&quot; (424mm)</td>
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<tr>
<td>Packed weight</td>
<td>14.0lbs (6.4kg)</td>
<td>21.0lbs (9.5kg)</td>
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<td>Packed length</td>
<td>15.5&quot; (394mm)</td>
<td>18.25&quot; (463.5mm)</td>
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<tr>
<td>Packed width</td>
<td>15.5&quot; (394mm)</td>
<td>18.25&quot; (463.5mm)</td>
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<tr>
<td>Packed height</td>
<td>15.5&quot; (394mm)</td>
<td>18.75&quot; (476mm)</td>
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<tr>
<td>Color Frame size</td>
<td>Fresnelite 6&quot; 7.5&quot; x 7.5&quot; (190 x 190mm)</td>
<td>Fresnelite 8&quot; 10 1/8&quot; x 10 1/8&quot; (257 x 257mm)</td>
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</table>
Fresnel Spotlights

Photometric Data
Typical performance based on BTR/EGT 1000W lamp, 3200K(6") & CYX 2000W lamp, 3200K(8")

Fresnelite 6": spot
Spot focus 1/2 Pk Angle 7° - 1/10 Pk Angle 14°
Distance (ft) 20 25 30 35 40
Beam Ø (ft) 2.1 2.6 3.1 3.7 4.2
Illum (FC) 330 210 145 110 85

Fresnelite 6": flood
Flood focus 1/2 Pk Angle 59° - 1/10 Pk Angle 68°
Distance (ft) 5 10 15 20 25
Beam Ø (ft) 5.6 11.3 17 23 28
Illum (FC) 610 150 70 40 25

Fresnelite 8": spot
Spot focus 1/2 Pk Angle 8° - 1/10 Pk Angle 16°
Distance (ft) 35 40 45 50 55
Beam Ø (ft) 4.9 5.6 6.3 7 7.7
Illum (FC) 240 180 145 115 95

Fresnelite 8": flood
Flood focus 1/2 Pk Angle 59° - 1/10 Pk Angle 68°
Distance (ft) 20 25 30 35 40
Beam Ø (ft) 27 33.7 40.5 47.2 54
Illum (FC) 88 56 39 29 22

Operational features
Lamp access
Through side-hinged lens door.
Focus adjustment
Insulated sweep arm at rear of lamp housing. Position indicated by a calibrated label.
Pan/Tilt
Pivot around C-clamp stud placed in center of yoke locked by C-clamp pivot locking nut. Tilt adjustment by means of pivots on either side of yoke, locked by T-handle on friction plate.

Electrical & mechanical data
Paint/Finish
Exterior finish is black baked enamel.
Lamp house
The housing is constructed of ribbed extruded aluminum sides between pressed steel cover plates.

Lens
6 inch (152mm) borosilicate fresnel or 8 inch (202mm).
Mounting/Suspension
Steel yoke assembly with malleable iron C-clamp.

Supply voltage
120V/220V 50/60Hz

Standards compliance
UL/CSA approved.

Ordering information
Fresnelite 6" & 8"
Compact Fresnel spotlights with a smooth, soft-edged beam. In two versions: with medium pre-focus socket, or bi-post (TV) socket. Uses 1000W and 2000W lamps. Supplied with C-clamp.

Optional Accessories

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<th>220V</th>
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<td>Barndoor 8-way, 8&quot; Fresnelite</td>
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<td>Safety cable, 18&quot; (457mm)</td>
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Strand Lighting Inc
6603 Darin Way, Cypress, CA 90630, USA
Tel: +1 714 230 8200  Fax: +1 714 230 8173

Strand Lighting (Canada) Inc
2430 Lucknow Drive No 15
Mississauga Ontario L5S 1V3 Canada
Tel: +1 905 677 7130  Fax: +1 905 677 6859

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