

### Ordering Information

Catalog No.	Finishes	Mounting	Lamps
7644	Matte Black	All Lytespan Track Systems	150W T4 Clear, Type ESP (Tungsten-Halogen) Double Contact Bayonet Base
7645	Matte White		

### Features

- Lytespan Attachment Fitting:** molded polycarbonate, .075" wall thickness. Integral color.
- Lever:** energizes unit.
- Movable Brass Contact:** extends for connection to 2nd circuit in Advent Lytespan Track.
- Knurled Tightening Knob**
- 8-32 Hex Set Screw:** for positive horizontal locking.
- Thumbscrew:** loosens to remove front of housing for relamping.
- Pivot Mounting:** permanently-tensioned; 350° stop for horizontal rotation
- Expansion Clamp:** fingertip squeeze-release for quick attachment; thumb-screw lock for rigid mounting.
- Adjustable Shutter Blades (4):** spring steel with insulated hand knob. Shapes light beam.
- Optical System**
- Focusing Lens**
- Front Sleeve:** .035" steel.
- Yoke:** .093" steel.
- Trunion Mounting:** permanently-tensioned with internal spring washer and vibration-resistant nut.
- Clip:** holds templates for round or elliptical shapes.
- Wing Nuts (2):** allow optical system to be removed for relamping without disturbing shutter blades.
- Polarity Keyway**
- Lamp**

### Electrical

Double Contact Bayonet spring loaded. No. 18 braided SF-1 leads, with fiberglass braided outer sleeve.

### Finish

All painted finishes baked enamel.

### Labels

UL, I.B.E.W.

### Patents

U.S. Patent No. 3,496,518. Foreign Patents granted.

Job Information	Type:
<b>Job Name:</b>	
<b>Cat. No.:</b>	
<b>Lamp(s):</b>	
<b>Notes:</b>	

Lightolier a Genlyte Thomas Company www.lightolier.com  
 631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710  
 We reserve the right to change details of design, materials and finish.  
 © 2002 Genlyte Thomas Group LLC (Lightolier Division) • A0902

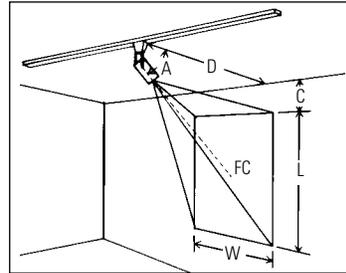
# LIGHTOLIER®



**Lighting Data**

**Illumination on Vertical Plane - Shutters Fully Open for Maximum Beam Coverage**

Problem: Provide approximately 30 f.c. on a painting 22" wide by 36" high mounted 30" from the ceiling. Solution: Mount the Framing Projector 24" from the picture and aim it 60° from horizontal (optimum for picture lighting) to light an area 24" wide by 62" high, 26" from the ceiling. The illumination on the beam axis will be: 25 f.c. with the 100W lamp, 39 f.c. with the 150W lamp.

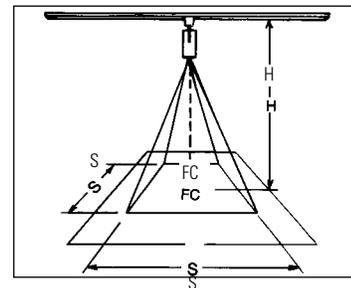


Distance (D)	24"			36"			48"			60"			72"			84"			96"			
Aiming Angle (A)	30°	45°	60°	30°	45°	60°	30°	45°	60°	30°	45°	60°	30°	45°	60°	30°	45°	60°	30°	45°	60°	
Width (W) (Max.)	18"	20"	24"	28"	31"	36"	38"	41"	49"	48"	52"	61"	58"	63"	74"	68"	74"	86"	78"	84"	99"	
Length (L) (Max.)*	26"	34"	62"	40"	52"	94"	54"	71"	127"	68"	89"	160"	82"	108"	195"	96"	127"	225"	110"	145"	257"	
Distance (C) (Min.)	11"	18"	26"	12"	23"	36"	14"	28"	45"	16"	33"	54"	17"	38"	63"	19"	43"	72"	20"	48"	82"	
F.C. on Beam Axis	100W	141	74	25	59	31	11	32	17	6	20	11	4	14	7	3	10	5	2	8	4	1
	150W	219	115	39	92	48	17	50	26	9	31	17	6	22	11	5	16	8	3	12	6	2

\* Length (L) to the point where illumination drops to 10% of illumination on beam axis.

**Illumination on Horizontal Plane – Shutters Fully Open for Maximum Beam Coverage Aiming Angle: 0° from Vertical**

Distance (D)	4'	5'	6'	7'	8'	9'	10'	11'	12'	
Side (A) (Max.)	32"	42"	52"	62"	72"	81"	91"	101"	111"	
F.C. on Beam Axis	100W	70	41	27	19	14	11	8	7	6
	150W	109	64	42	30	22	17	12	11	9



Lamp	Max. Beam Spread*	CBCP (Candelas)	Rated Lamp Life
100W T4 Clear (Tungsten-Halogen)	45" (Square)	717	1,000 hrs.
150W T4 Clear (Tungsten-Halogen)	45" (Square)	1,115	1,000 hrs.

\* Shutters fully open

**Job Information** **Type:**

Lightolier a Genlyte Thomas Company [www.lightolier.com](http://www.lightolier.com)  
 631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710  
 We reserve the right to change details of design, materials and finish.  
 © 2002 Genlyte Thomas Group LLC (Lightolier Division) • A0902

**LIGHTOLIER®**