

### Ordering Information

Catalog No.	Finishes	Mounting	Lamps
7610	Matte White	All Lytespan Track Systems	75W R20, 100W R30, 50W PAR20, 75W PAR30, 250W PAR38, (150W Cool Beam) 300W R40, 75W PAR30

### Features

- Lytespan Attachment Fitting:** Molded polycarbonate .075" wall thickness. Integral color.
- Expansion Clamp:** Fingertip squeeze-release for quick attachment; thumb-screw lock for rigid mounting.
- Offset Arm:** Permanently-tensioned with spring washer and vibration-resistant nut. Horizontal rotation through 350°.
- Pivot:** Socket permanently-tensioned; Vertical Motion 180°.
- Movable Brass Contact:** Extends for connection to 2nd circuit in Advent Lytespan Track.
- Lever:** energizes unit.
- Polarity Keyway**

### Electrical

Porcelain socket, medium base, nickel plated screw shell. No. 18 braided SF-1 leads.

### Options & Accessories

7587, 7627 (For PAR38 lamp only) See Lightolier Specification Sheet 7587.

### Finish

All painted finishes baked enamel.

### Labels

UL; I.B.E.W.

### Patents

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

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](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®

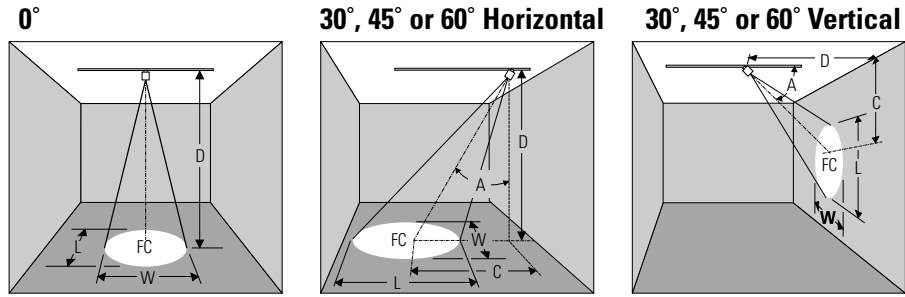


**Lighting Data**

**Aiming Angle**

- L** Beam Length
- W** Beam Width
- C** Distance to center beam
- D** Distance
- A** Aiming Angle
- FC** Footcandles

L and W are the outer points where the candle power drops to 50% of the maximum. FC are the initial footcandles at the center of the beam.



LAMP	Beam Spread 50% Max. CP	Beam Center C.P. Candelas	Rated Life-Hrs	0° AIMING ANGLE					A=30° AIMING ANGLE					A=45° AIMING ANGLE					A=60° AIMING ANGLE																																												
				D	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W																																									
75W PAR30 NSP (Halogen)	9°	14,000	2,500	8' 219	1.3'	1.3'	12' 97	1.9'	1.9'	16' 55	2.5'	2.5'	20' 35	3.1'	3.1'	7' 4.0'	186	1.5'	1.3'	10' 5.8'	91	2.1'	1.8'	13' 7.5'	54	2.7'	2.4'	16' 9.2'	36	3.4'	2.9'	5' 5.0'	198	1.6'	1.1'	7' 7.0'	101	2.2'	1.6'	9' 9.0'	61	2.9'	2.0'	11' 11.0'	41	3.5'	2.4'	3' 5.2'	194	1.9'	0.9'	4' 6.9'	109	2.6'	1.3'	5' 8.7'	70	3.2'	1.6'	6' 10.4'	49	3.8'	1.9'
75W PAR30 NFL (Halogen)	30°	3,200	2,500	6' 89	3.2'	3.2'	8' 50	4.3'	4.3'	10' 32	5.4'	5.4'	12' 22	6.4'	6.4'	5' 2.9'	83	3.7'	3.1'	7' 4.0'	42	5.1'	4.3'	9' 5.2'	26	6.6'	5.6'	11' 6.4'	17	8.1'	6.8'	3' 3.0'	126	3.5'	2.3'	5' 5.0'	45	5.8'	3.8'	7' 7.0'	23	8.1'	5.3'	9' 9.0'	114	10.4'	6.8'	2' 3.5'	100	5.5'	2.1'	3' 5.2'	44	8.2'	3.2'	4' 6.9'	25	10.9'	4.3'	5' 8.7'	16	13.7'	5.4'
90W PAR38 NSP (Halogen)	9°	19,500	2,500	10' 195	1.6'	1.6'	15' 87	2.4'	2.4'	20' 49	3.1'	3.1'	25' 31	3.9'	3.9'	8' 4.6'	198	1.7'	1.5'	12' 6.9'	88	2.5'	2.2'	16' 9.2'	49	3.4'	2.9'	20' 11.5'	32	4.2'	3.8'	6' 6.0'	192	1.9'	1.3'	9' 9.0'	85	2.9'	2.0'	12' 12.0'	48	3.8'	2.7'	15' 15.0'	31	4.8'	3.3'	4' 6.9'	152	2.6'	1.3'	6' 10.4'	68	3.8'	1.9'	8' 13.9'	38	5.1'	2.5'	10' 17.3'	24	8.4'	3.1'
90W PAR38 SP (Halogen)	12°	14,500	2,500	8' 227	1.7'	1.7'	12' 101	2.5'	2.5'	16' 57	3.4'	3.4'	20' 36	4.2'	4.2'	7' 4.0'	192	2.0'	1.7'	10' 5.8'	94	2.8'	2.4'	13' 7.5'	56	3.7'	3.2'	16' 9.2'	37	4.5'	3.9'	5' 5.0'	205	2.1'	1.5'	7' 7.0'	105	3.0'	2.1'	9' 9.0'	63	3.8'	2.7'	11' 11.0'	42	4.7'	3.3'	3' 5.2'	201	2.6'	1.3'	4' 6.9'	113	3.5'	1.7'	5' 8.7'	73	4.3'	2.1'	6' 10.4'	50	5.2'	2.5'
90W PAR38 FL (Halogen)	20°	4,500	2,500	6' 125	3.0'	3.0'	8' 70	4.0'	4.0'	10' 45	5.0'	5.0'	12' 31	6.0'	6.0'	5' 2.9'	117	3.4'	2.9'	7' 4.0'	60	4.8'	4.0'	9' 5.2'	36	6.1'	5.2'	11' 6.4'	24	7.5'	6.3'	3' 3.0'	177	3.2'	2.1'	5' 5.0'	64	5.3'	3.5'	7' 7.0'	32	7.4'	4.9'	9' 9.0'	20	9.6'	8.3'	2' 3.5'	141	4.9'	2.0'	3' 5.2'	63	7.4'	3.0'	4' 6.9'	35	9.8'	4.0'	5' 8.7'	23	12.3'	5.0'
100W PAR38 SP (Halogen)	10°	29,000	3,000	10' 290	1.7'	1.7'	15' 120	2.6'	2.6'	20' 73	3.5'	3.5'	25' 46	4.4'	4.4'	8' 4.6'	294	1.9'	1.6'	12' 6.9'	131	2.8'	2.4'	16' 9.2'	74	3.7'	3.2'	20' 11.5'	47	4.7'	4.0'	6' 6.0'	285	2.1'	1.5'	9' 9.0'	127	3.2'	2.2'	12' 12.0'	71	4.2'	3.0'	15' 15.0'	46	5.3'	3.7'	4' 6.9	227	2.9'	1.4'	6' 10.4'	101	4.3'	2.1'	8' 13.9'	57	5.7'	2.8'	10' 17.3'	36	7.2'	3.5'
100W PAR38 NFL (Halogen)	27°	7,500	3,000	7' 153	3.4'	3.4'	10' 75	4.8'	4.8'	13' 44	8.2'	6.2'	16' 29	7.7'	7.7'	6' 3.5'	135	3.9'	3.3'	9' 5.2'	60	5.9'	5.0'	12' 6.9'	34	7.8'	6.7'	15' 8.7'	22	9.8'	8.3'	4' 4.0'	168	4.1'	2.7'	6' 6.0'	74	6.1'	4.1'	8' 8.0'	41	8.2'	5.4'	10' 10.0'	27	10.2'	6.8'	2' 3.5'	234	4.8'	1.9'	3' 5.2'	104	7.4'	2.9'	4' 6.9'	59	9.3'	3.8'	5' 8.7'	38	11.6'	4.8'
100W PAR38 FL HIR	40°	3,400	3,000	6' 94	4.4'	4.4'	8' 53	5.8'	5.8'	10' 34	7.3'	7.3'	12' 24	8.7'	8.7'	5' 2.9'	88	5.1'	4.2'	7' 4.0'	45	7.1'	5.9'	9' 5.2'	27	9.1'	7.6'	11' 6.4'	18	11.2'	9.2'	3' 3.0'	134	5.0'	3.1'	5' 5.0'	48	8.4'	5.1'	7' 7.0'	25	11.7'	7.2'	9' 9.0'	15	15.1'	8.3'	2' 3.5'	106	9.7'	2.9'	3' 5.2'	47	14.5'	4.4'	4' 6.9'	27	19.3'	5.8'	5' 8.7'	17	24.2'	7.3'
120W PAR38 NSP (Halogen)	10°	25,000	3,000	10' 250	1.7'	1.7'	15' 111	2.6'	2.6'	20' 63	3.5'	3.5'	25' 40	4.4'	4.4'	8' 4.6'	254	1.9'	1.6'	12' 6.9'	113	2.8'	2.4'	16' 9.2'	63	3.7'	3.2'	20' 11.5'	41	4.7'	4.0'	6' 6.0'	246	2.1'	1.5'	9' 9.0'	109	3.2'	2.2'	12' 12.0'	61	4.2'	3.0'	15' 15.0'	39	5.3'	3.7'	4' 6.9'	195	2.9'	1.4'	6' 10.4'	87	4.3'	2.1'	8' 13.9'	49	5.7'	2.8'	10' 17.3'	31	7.2'	3.5'
120W PAR38 FL (Halogen)	30°	5,000	3,000	6' 139	3.2'	3.2'	8' 78	4.3'	4.3'	10' 50	5.4'	5.4'	12' 35	6.4'	6.4'	5' 2.9'	130	3.7'	3.1'	7' 4.0'	66	5.1'	4.3'	9' 5.2'	40	6.8'	5.6'	11' 6.4'	27	8.1'	6.8'	3' 3.0'	196	3.5'	2.3'	5' 5.0'	71	5.8'	3.8'	7' 7.0'	36	8.1'	5.3'	9' 9.0'	22	10.4'	6.8'	2' 3.5'	156	5.5'	2.1'	3' 5.2'	69	8.2'	3.2'	4' 6.9'	39	10.9'	4.3'	5' 8.7'	25	13.7'	5.4'
250W PAR38 SP (Halogen)	11°	40,000	4,200	15' 178	2.9'	2.9'	20' 100	3.9'	3.9'	25' 64	4.8'	4.8'	30' 44	5.8'	5.8'	10' 5.8'	260	2.6'	2.2'	15' 8.7'	115	3.9'	3.3'	20' 11.5'	65	5.2'	4.4'	25' 14.4'	42	6.4'	5.6'	8' 8.0'	221	3.1'	2.2'	12' 12.0'	98	4.7'	3.3'	18' 18.0'	55	6.2'	4.4'	20' 20.0'	35	7.8'	5.4'	5' 8.7'	200	4.0'	1.9'	8' 13.9'	78	6.3'	3.1'	11' 19.1'	41	8.7'	4.2'	14' 24.2'	26	11.1'	5.4'
250W PAR38 FL (Halogen)	32°	8,000	4,200	7' 163	4.0'	4.0'	10' 80	5.7'	5.7'	13' 47	7.5'	7.5'	16' 31	9.2'	9.2'	6' 3.5'	144	4.7'	4.0'	9' 5.2'	64	7.1'	6.0'	12' 6.9'	36	9.4'	7.9'	15' 8.7'	23	11.8'	9.9'	4' 4.0'	177	5.0'	3.2'	6' 6.0'	79	7.5'	4.9'	8' 8.0'	44	10.0'	6.5'	10' 10.0'	28	12.5'	9.1'	2' 3.5'	250	6.1'	2.3'	3' 5.2'	111	9.1'	3.4'	4' 6.9'	63	12.2'	4.6'	5' 8.7'	40	15.2'	5.7'

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

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®**