

Ordering Information

Catalog No.	Mounting	Finish	Lamps
8259WH	All Lytespan	Matte White	PAR38, 150W Max.
8259BK	Track Systems	Matte Black	(Including Cool Beam) 90W Max. with accessories

Features

1. **Lytespan Attachment Fitting:** molded polycarbonate. Integral color. Fitting twists onto track and locks in place.
2. **Movable Brass Contact:** extends for 2nd circuit in Advent™ Lytespan Track.
3. **Lamp Retainer:** silicone Rubber. Temperature range -- 65°F to +600°F. Hardness 50 durometer. Integral color.
4. **Trunion Mounting:** permanently tensioned with internal spring washer. 90° stop (UL requirement).
5. **Push Tab:** integral to fitting unit. Detaches unit.
6. **Pivot Mounting:** permanently tensioned, 350° stop for horizontal adjustment.
7. **Fitting Housing:** die-cast aluminum.
8. **Wire Form Ring:** 1/4" Dia. formed steel rod. Chrome plated.
9. **Socket Cover:** molded Valox®. Integral color. Matte finish.

Electrical

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

Options & Accessories

4 3/4" Beam Smoother, Beam Elongator, Louver and Barndoors. All require Accessory Holder 8594.
(See Lightolier Specification Sheets 8591, 7559, 7558, 7557 and 8542).

Finish

All painted finishes baked enamel.

Labels

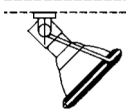
UL, I.B.E.W.

Valox® is a registered trademark of General Electric.
Advent™ is a registered trademark of Lightolier.

Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

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®

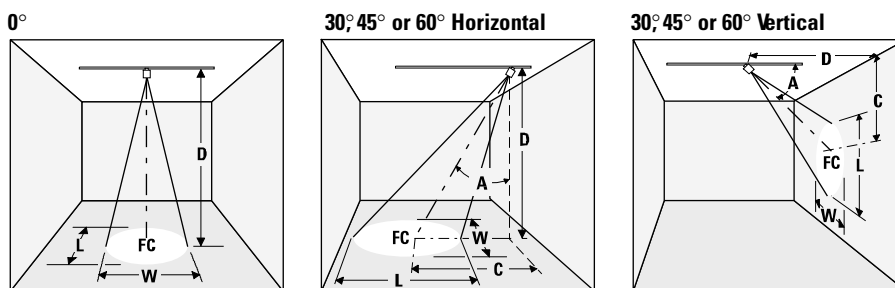


Lighting Data

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

Lamp Type	Beam Spread 50% Max. CP	Beam Center C.P. Candelas	Rated Life-Hrs
45W PAR38 NSP (Halogen)	9°	10,000	2,500
60W PAR38 SP (Halogen)	10°	17,500	2,500
60W PAR38 FL (Halogen)	30°	3,200	2,500
60W PAR38 WFL (Halogen-IR)	53°	1,250	3,000
90W PAR38 NSP (Halogen)	9°	18,500	2,500
90W PAR38 SP (Halogen)	12°	14,500	2,500
90W PAR38 FL (Halogen)	28°	4,500	2,500
100W PAR38 SP (Halogen-IR)	10°	29,000	3,000
100W PAR38 NFL (Halogen-IR)	27°	7,500	3,000
100W PAR38 FL (Halogen-IR)	40°	3,400	3,000
120W PAR38 NSP (Halogen)	10°	25,000	3,000
120W PAR38 FL (Halogen)	30°	5,000	3,000

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
8'	156	1.3'	1.3'		7'	4.0'	133	1.5'	1.3'	5'	5.0'	141	1.6'	1.1'	3'	5.2'	139	1.9'	0.9'
12'	69	1.9'	1.9'		10'	5.8'	65	2.1'	1.8'	7'	7.0'	72	2.2'	1.6'	4'	6.9'	78	2.6'	1.3'
16'	39	2.5'	2.5'		13'	7.5'	36	2.7'	2.4'	9'	9.0'	44	2.9'	2.0'	5'	8.7'	50	3.2'	1.6'
20'	25	3.1'	3.1'		16'	9.2'	25	3.4'	2.9'	11'	11.0'	29	3.5'	2.4'	6'	10.4'	35	3.8'	1.9'
9'	273	1.4'	1.4'		7'	4.0'	232	1.6'	1.4'	5'	5.0'	247	1.8'	1.2'	3'	5.2'	243	2.1'	1.0'
12'	122	2.1'	2.1'		10'	5.8'	114	2.3'	2.0'	7'	7.0'	126	2.5'	1.7'	4'	6.9'	137	2.9'	1.4'
16'	68	2.8'	2.8'		13'	7.5'	67	3.0'	2.6'	9'	9.0'	76	3.2'	2.2'	5'	8.7'	88	3.6'	1.7'
20'	44	3.5'	3.5'		16'	9.2'	44	3.7'	3.2'	11'	11.0'	51	3.9'	2.7'	6'	10.4'	61	4.3'	2.1'
6'	69	3.2'	3.2'		5'	2.9'	83	3.7'	3.1'	3'	3.0'	126	3.5'	2.3'	2'	3.5'	100	5.5'	2.1'
8'	50	4.3'	4.3'		7'	4.0'	42	5.1'	4.3'	5'	5.0'	45	5.6'	3.6'	3'	5.2'	44	8.2'	3.2'
10'	32	5.4'	5.4'		9'	5.2'	26	6.6'	5.6'	7'	7.0'	23	8.1'	5.3'	4'	6.9'	25	10.9'	4.3'
12'	22	6.4'	6.4'		11'	6.4'	17	8.1'	6.8'	9'	9.0'	14	10.4'	6.8'	5'	8.7'	16	13.7'	5.4'
3'	139	3.0'	3.0'		3'	1.7'	90	4.3'	3.5'	2'	2.0'	110	5.3'	2.8'	1'	1.7'	156	15.7'	2.0'
5'	50	5.0'	5.0'		5'	2.9'	32	7.2'	5.8'	3'	3.0'	49	8.0'	4.2'	2'	3.5'	39	31.4'	4.0'
7'	26	7.0'	7.0'		7'	4.0'	17	10.1'	8.1'	4'	4.0'	28	10.6'	5.6'	3'	5.2'	17	47.1'	6.0'
9'	15	9.0'	9.0'		9'	5.2'	10	13.0'	10.4'	5'	5.0'	16	13.3'	7.1'	4'	6.9'	10	62.8'	8.0'
10'	195	1.6'	1.6'		8'	4.6'	198	1.7'	1.5'	6'	6.0'	192	1.9'	1.3'	4'	6.9'	152	2.6'	1.3'
15'	87	2.4'	2.4'		12'	6.9'	88	2.5'	2.2'	9'	9.0'	85	2.9'	2.0'	6'	10.4'	68	3.8'	1.9'
20'	49	3.1'	3.1'		16'	9.2'	49	3.4'	2.9'	12'	12.0'	48	3.8'	2.7'	8'	13.9'	30	5.1'	2.5'
25'	31	3.9'	3.9'		20'	11.5'	32	4.2'	3.6'	15'	15.0'	31	4.6'	3.3'	10'	17.3'	24	6.4'	3.1'
8'	227	1.7'	1.7'		7'	4.0'	192	2.0'	1.7'	5'	5.0'	205	2.1'	1.5'	3'	5.2'	201	2.6'	1.3'
12'	101	2.5'	2.5'		10'	5.6'	94	2.8'	2.4'	7'	7.0'	105	3.0'	2.1'	4'	6.9'	113	3.5'	1.7'
16'	57	3.4'	3.4'		13'	7.5'	56	3.7'	3.2'	9'	9.0'	63	3.8'	2.7'	5'	8.7'	73	4.3'	2.1'
20'	36	4.2'	4.2'		16'	9.2'	37	4.5'	3.9'	11'	11.0'	42	4.7'	3.3'	6'	10.4'	50	5.2'	2.5'
6'	125	3.0'	3.0'		5'	2.9'	117	3.4'	2.9'	3'	3.0'	177	3.2'	2.1'	2'	3.5'	141	4.9'	2.0'
8'	70	4.0'	4.0'		7'	4.0'	60	4.8'	4.0'	5'	5.0'	64	5.3'	3.5'	3'	5.2'	63	7.4'	3.0'
10'	45	5.0'	5.0'		9'	5.2'	36	6.1'	5.2'	7'	7.0'	32	7.4'	4.9'	4'	6.9'	35	9.8'	4.0'
12'	31	6.0'	6.0'		11'	6.4'	24	7.5'	6.3'	9'	9.0'	20	9.6'	6.3'	5'	8.7'	23	12.3'	5.0'
10'	290	1.7'	1.7'		8'	4.6'	294	1.9'	1.6'	6'	6.0'	285	2.1'	1.5'	4'	6.9'	227	2.8'	1.4'
15'	129	2.6'	2.6'		12'	6.8'	131	2.8'	2.4'	9'	9.0'	127	3.2'	2.7'	6'	10.4'	101	4.3'	2.1'
20'	73	3.5'	3.5'		16'	9.2'	74	3.7'	3.2'	12'	12.0'	71	4.2'	3.0'	8'	13.9'	57	5.7'	2.8'
25'	46	4.4'	4.4'		20'	11.5'	47	4.7'	4.0'	15'	15.0'	46	5.3'	3.7'	10'	17.3'	36	7.2'	3.5'
7'	153	3.4'	3.4'		6'	3.5'	135	3.9'	3.3'	4'	4.0'	168	4.1'	2.7'	2'	3.5'	234	4.6'	1.9'
10'	75	4.8'	4.8'		9'	5.2'	60	5.9'	5.0'	6'	6.0'	74	6.1'	4.1'	3'	5.2'	104	7.0'	2.9'
13'	44	6.2'	6.2'		12'	6.9'	34	7.8'	6.7'	8'	8.0'	41	8.2'	5.4'	4'	6.9'	59	9.3'	3.8'
16'	29	7.7'	7.7'		15'	8.7'	22	9.8'	8.3'	10'	10.0'	27	10.2'	6.8'	5'	8.7'	38	11.6'	4.8'
6'	94	4.4'	4.4'		5'	2.9'	68	5.1'	4.2'	3'	3.0'	134	5.0'	3.1'	2'	3.5'	106	9.7'	2.9'
8'	53	5.8'	5.8'		7'	4.0'	45	7.1'	5.9'	5'	5.0'	48	6.4'	5.1'	3'	5.2'	47	14.5'	4.4'
10'	34	7.3'	7.3'		9'	5.2'	29	9.1'	7.6'	7'	7.0'	25	11.9'	7.2'	4'	6.9'	27	19.3'	5.8'
12'	24	8.7'	8.7'		11'	6.4'	16	11.2'	9.2'	9'	9.0'	15	15.1'	9.3'	5'	8.7'	17	24.2'	7.3'
10'	250	1.7'	1.7'		8'	4.6'	254	1.9'	1.6'	6'	6.0'	246	2.1'	1.5'	4'	6.9'	195	2.9'	1.4'
15'	111	2.6'	2.6'		12'	6.9'	113	2.8'	2.4'	9'	9.0'	109	3.2'	2.2'	6'	10.4'	87	4.3'	2.1'
20'	63	3.5'	3.5'		16'	9.2'	63	3.7'	3.2'	12'	12.0'	61	4.2'	3.0'	8'	13.9'	48	5.7'	2.8'
25'	40	4.4'	4.4'		20'	11.5'	41	4.7'	4.0'	15'	15.0'	39	5.3'	3.7'	10'	17.3'	31	7.2'	3.5'
6'	139	3.2'	3.2'		5'	2.9'	130	3.7'	3.1'	3'	3.0'	196	3.5'	2.3'	2'	3.5'	156	5.5'	2.1'
8'	70	4.3'	4.3'		7'	4.0'	66	5.1'	4.3'	4'	4.0'	71	5.8'	3.8'	3'	5.2'	69	8.2'	3.2'
10'	50	5.4'	5.4'		9'	5.2'	40	6.6'	5.6'	5'	5.0'	36	8.1'	5.3'	4'	6.9'	39	10.9'	4.3'
12'	35	6.4'	6.4'		11'	6.4'	27	8.1'	6.8'	6'	6.0'	22	10.4'	6.8'	5'	8.7'	25	13.7'	5.4'

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

