

Ordering Information

Catalog No.	Finishes	Mounting	Lamps
8180WH	Matte White	All Lytespan Track Systems	25W-50W PAR36 12V
8180BK	Matte Black		
7653	Matte White	Louver/Filter	
7654	Matte Black	Holder	

Features

- Transformer Housing:** Die-cast aluminum. Fitter twists onto track and locks on.
- Movable Brass Contact:** Extends for connection to 2nd circuit in Advent Lytespan Track.
- Polarity Keyway**
- Push Tab:** Molded polycarbonate. Detaches unit.
- Housing:** .032" aluminum.
- Lamp Holder:** .032" aluminum.
- Trunion Mounting:** Tensioned with internal spring washer and vibration-resistant nut. 90° vertical adjustment.
- Snap-In Socket:** Molded high heat resistance polymer. Eliminates need to attach leads to lamp terminals.
- Pivot Mounting:** Tensioned; 350° stop for horizontal rotation.
- Yoke:** .187" extruded aluminum.
- Louver/Filter Holder Accessory:** Fits securely over the fixture housing with spring clips. Serves to hold spread lens, filters or louver.

Electrical/Dimming

Low voltage magnetic transformer designed to fit a compact die-cast housing scaled to complement the track. Snap-in Socket, pre-wired with sleeved No. 18 braided SF-1 leads. Use only dimmers specially rated for inductive loads (low voltage fixtures equipped with magnetic transformers) such as Lightolier Lytemode and Scenist systems and Lightolier dimmers carrying the suffix VA.

Options & Accessory

Accessories (Order Separately): 4 3/4" Dia. Series Color Filters, Heat Filters, Spread Lenses and Louver (See Lightolier Specification Sheets AF, AF2AS and AL4CC) Maximum of two accessories may be used.

Finish

All painted finishes baked enamel.

Labels

UL; I.B.E.W.

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
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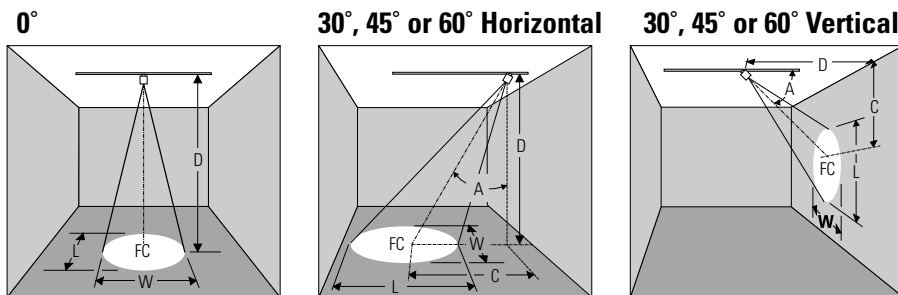
LIGHTOLIER®

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
25W PAR36 VNSP (T-H)	2.5°	16,500	2,000	8'	258	0.3'	0.7'	7'	4.0'	219	0.4'	8.7'	5'	5.0'	233	0.4'	0.6'	2'	5.2'	229	0.5'	0.5'
				12'	115	0.5'	1.0'	10'	5.8'	107	0.6'	1.0'	7'	7.0'	119	0.6'	0.9'	3'	6.9'	129	0.7'	0.7'
				16'	84	0.7'	1.4'	13'	7.5'	63	0.8'	1.3'	9'	9.0'	72	0.8'	1.1'	4'	8.7'	83	0.9'	0.9'
				20'	41	0.9'	1.7'	16'	9.2'	42	0.9'	1.6'	11'	11.0'	48	1.0'	1.4'	5'	10.4'	57	1.0'	1.0'
25W PAR36 WFL	25°x37°	360	2,000	2'	90	0.9'	1.3'	2'	1.2'	58	1.2'	1.5'	2'	2.0'	32	1.9'	1.9'	1'	1.7'	45	2.1'	1.3'
				3'	40	1.3'	2.0'	3'	1.7'	26	1.8'	2.3'	3'	3.0'	14	2.8'	2.8'	3'	3.0'	11	4.2'	2.7'
				4'	23	1.8'	2.7'	4'	2.3'	15	2.4'	3.1'	4'	4.0'	8	3.7'	3.8'	3'	5.2'	5	6.2'	4.0'
				5'	14	2.2'	3.3'	5'	2.9'	9	3.0'	3.9'	5'	5.0'	5	4.7'	4.7'	4'	6.9'	3	8.3'	5.4'
25W PAR36 WWFL	55°	160	2,000	2'	40	2.1'	2.1'	2'	1.2'	26	3.1'	2.4'	2'	2.0'	14	5.7'	2.9'	1'	1.7'	20	22.3'	2.1'
				3'	18	3.1'	3.1'	3'	1.7'	12	4.6'	3.6'	3'	3.0'	6	8.5'	4.4'	2'	3.5'	5	44.5'	4.2'
				4'	10	4.2'	4.2'	4'	2.3'	6	6.1'	4.8'	4'	4.0'	4	11.4'	5.9'	3'	5.2'	2	66.8'	6.2'
				5'	6	5.2'	5.2'	5'	2.9'	4	7.6'	6.0'	5'	5.0'	2	14.3'	7.4'	4'	6.9'	1	89.1'	8.3'
35W PAR36 VNSP (T-H)	5°	25,000	4,000	10'	250	0.9'	0.9'	8'	4.6'	254	0.9'	0.8'	6'	6.0'	246	1.0'	0.7'	4'	6.9'	195	1.4'	0.7'
				15'	111	1.3'	1.3'	12'	6.9'	113	1.4'	1.2'	9'	9.0'	109	1.6'	1.1'	6'	10.4'	87	2.1'	1.0'
				20'	63	1.7'	1.7'	16'	9.2'	63	1.9'	1.6'	12'	12.0'	61	2.1'	1.5'	8'	13.9'	49	2.8'	1.4'
				25'	40	2.2'	2.2'	20'	11.5'	41	2.3'	2.0'	15'	15.0'	39	2.6'	1.9'	10'	17.3'	31	3.5'	1.7'
35W PAR36 NSP (T-H)	8°	8,000	4,000	7'	163	1.0'	1.0'	6'	3.5'	144	1.1'	1.0'	4'	4.0'	177	1.1'	0.8'	2'	3.5'	250	1.1'	0.6'
				10'	60	1.4'	1.4'	9'	5.2'	64	1.7'	1.5'	6'	6.0'	79	1.7'	1.2'	3'	5.2'	111	1.7'	0.8'
				13'	47	1.8'	1.8'	12'	6.9'	36	2.2'	1.9'	8'	8.0'	44	2.2'	1.6'	4'	6.9'	63	2.3'	1.1'
				16'	31	2.2'	2.2'	15'	8.7'	23	2.8'	2.4'	10'	10.0'	28	2.8'	2.8'	5'	8.7'	40	2.8'	1.4'
35W PAR36 WFL (T-H)	30°	900	4,000	3'	100	1.6'	1.6'	3'	1.7'	65	2.2'	1.9'	2'	2.0'	80	2.3'	1.5'	1'	1.7'	113	2.7'	1.1'
				5'	36	2.7'	2.7'	5'	2.9'	23	3.7'	3.1'	3'	3.0'	35	3.5'	2.3'	2'	3.5'	28	5.5'	2.1'
				7'	18	3.8'	3.8'	7'	4.0'	12	5.1'	4.3'	4'	4.0'	20	4.6'	3.0'	3'	5.2'	13	8.2'	3.2'
				9'	11	4.8'	4.6'	9'	5.2'	7	6.6'	5.6'	5'	5.0'	13	5.8'	3.8'	4'	6.9'	7	10.9'	4.3'
36W PAR36 NSP (T-H)	13°	3,500	4,000	6'	97	1.4'	1.4'	5'	2.9'	91	1.5'	1.3'	3'	3.0'	137	1.4'	1.0'	2'	3.5'	109	1.9'	0.9'
				8'	55	1.8'	1.8'	7'	4.0'	46	2.1'	1.8'	5'	5.0'	49	2.3'	1.6'	3'	5.2'	49	2.8'	1.4'
				10'	35	2.3'	2.3'	9'	5.2'	28	2.7'	2.4'	7'	7.0'	25	3.2'	2.3'	4'	6.9'	27	3.8'	1.8'
				12'	24	2.7'	2.7'	11'	6.4'	19	3.4'	2.0'	9'	9.0'	15	4.2'	2.9'	5'	8.7'	18	4.7'	2.3'
50W PAR36 VNSP (T-H)	5°	40,000	4,000	15'	178	1.3'	1.3'	10'	5.8'	260	1.2'	1.0'	8'	8.0'	221	1.4'	1.0'	5'	8.7'	200	1.8'	0.9'
				20'	100	1.7'	1.7'	15'	8.7'	115	1.7'	1.5'	12'	12.0'	98	2.1'	1.5'	8'	13.9'	78	2.8'	1.4'
				25'	64	2.2'	2.2'	20'	11.5'	65	2.3'	2.0'	16'	16.0'	55	2.0'	2.0'	11'	19.1'	41	3.9'	1.9'
				30'	44	2.6'	2.6'	25'	14.4'	42	2.9'	2.5'	20'	20.0'	35	3.5'	2.5'	14'	24.2'	26	4.9'	2.4'
50W PAR36 NSP (T-H)	8°	11,000	4,000	8'	172	1.1'	1.1'	7'	4.0'	146	1.3'	1.1'	5'	5.0'	156	1.4'	1.0'	3'	5.2'	153	1.7'	0.8'
				12'	76	1.7'	1.7'	10'	5.8'	71	1.9'	1.6'	7'	7.0'	79	2.0'	1.4'	4'	6.9'	86	2.3'	1.1'
				16'	43	2.2'	2.2'	13'	7.5'	42	2.4'	2.1'	9'	9.0'	48	2.5'	1.8'	5'	8.7'	55	2.8'	1.4'
				20'	28	2.8'	2.6'	16'	9.2'	28	3.0'	2.6'	11'	11.0'	32	3.1'	2.2'	6'	10.4'	38	3.4'	1.7'
50W PAR36 WFL (T-H)	30°	1,300	4,000	3'	144	1.6'	1.6'	3'	1.7'	94	2.2'	1.9'	2'	2.0'	115	2.3'	1.5'	1'	1.7'	163	2.7'	1.1'
				5'	52	2.7'	2.7'	5'	2.9'	34	3.7'	3.1'	3'	3.0'	51	3.5'	2.3'	2'	3.5'	41	5.5'	2.1'
				7'	27	3.8'	3.8'	7'	4.0'	17	5.1'	4.3'	4'	4.0'	29	4.6'	3.0'	3'	5.2'	18	8.2'	3.2'
				9'	16	4.8'	4.8'	9'	5.2'	10	6.6'	5.6'	5'	5.0'	18	5.8'	3.8'	4'	6.9'	10	10.9'	4.3'
50W PAR36 WWFL	55°	240	2,000	2'	60	2.1'	2.1'	2'	1.2'	39	3.1'	2.4'	2'	2.0'	21	5.7'	2.9'	1'	1.7'	30	22.3'	2.1'
				3'	27	3.1'	3.1'	3'	1.7'	17	4.6'	3.6'	3'	3.0'	9	8.6'	4.4'	2'	3.5'	8	44.5'	4.2'
				4'	15	4.2'	4.2'	4'	2.3'	10	6.1'	4.8'	4'	4.0'	5	11.4'	5.9'	3'	5.2'	3	66.8'	6.2'
				5'	10	5.2'	5.2'	5'	2.9'	6	7.6'	6.0'	5'	5.0'	3	14.3'	7.4'	4'	6.9'	2	89.1'	6.3'
75W PAR36 VNSP	4°x7.5°	31,500	2,000	10'	315	0.7'	1.3'	8'	4.6'	320	0.7'	1.2'	6'	6.0'	309	0.8'	1.1'	4'	6.9'	246	1.1'	1.0'
				15'	140	1.0'	2.0'	12'	6.9'	147	1.1'	1.8'	9'	9.0'	137	1.3'	1.7'	6'	10.4'	109	1.7'	1.6'
				20'	79	1.4'	2.6'	16'	9.2'	60	1.5'	2.4'	12'	12.0'	77	1.7'	2.2'	8'	13.9'	62	2.2'	2.1'
				25'	50	1.7'	3.3'	20'	11.5'	51	1.9'	3.0'	15'	15.0'	49	2.1'	2.8'	10'	17.3'	39	2.8'	2.6'

Job Information Type:

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