

**Ordering Information**

Catalog No.	Finishes	Track Mountings	Lamps
28701WH 28701TM	Matte White Dark Titanium	ProSpec™ Track System (DOES NOT MOUNT ON Lytespan® TRACK)	PAR16 through PAR38 250W Max. PAR30 through PAR38IR 100W Max. PAR38 Cool Beam 150W Max.

**Features**

- 1. Arm:** Die-cast aluminum, brushed and clear coated finish.
- 2. Socket Cover:** Injection-molded thermoplastic.
- 3. Stem:** Stainless steel, brushed and clear coated finish, with a permanently tensioned horizontal rotation stop (315° rotation).
- 4. Stem Base:** Die-cast aluminum, brushed and clear coated finish with a permanently tensioned 90° vertical rotation stop (0° to 90°).
- 5. Contact Holder:** High temperature thermoplastic. Secures fixture mechanically and makes electrical contact with track.
- 6. Locking Lever:** Nickel-plated steel. For mechanical/electrical connection to track.
- 7. Track Attachment Fitting:** Die-cast aluminum with separate mechanical and electrical functions. Fitting cannot be engaged or disengaged while fixture is powered. Polarity is not a concern with ProSpec Track because of it's symmetrical positioning of circuits within the track, adapters are reversed to access one or the other circuit.
- 8. Clamping Tabs:** Black or White, injection-molded plastic. Expands or releases gripper springs from track ledge; gripper springs hold attachment fitting securely within track.
- 9. Embossed Keyway:** For attachment of optional shades.
- 10. Ground Spring:** Grounds fixture to track.
- 11. Hot Aiming Handle:** Opening in arm provided to aim fixture while it is on.

**Electrical**

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

**Input Voltage:** 120V, 60Hz

**Dimming:** Fixture may be used on a track with a dimmer. Consult the dimmer manufacturer for correct dimmer selection for line voltage Incandescent and Halogen sources.

**Options & Accessories**

Accepts Metallics™ PAR20, 30, & 38 Dome Shades (8727, 8737, 8747), Metallics™ Par20, 30, & 38 Barndoor Shades (8725, 8735, 8745), Metallics™ Par-Tech® PAR20, 30, & 38 Ring Shades (8228, 8238, 8248), & Metallics™ Par-Tech® PAR30 Bezel Shade (8237A).

**Finish**

Feature number 2 painted in White or Titanium. Other external components are brushed metal with protective clear coat.  
Feature 7 & 8 White on 28701WH/Black on 28701TM

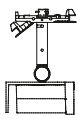
**Labels**

UL, I.B.E.W.

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

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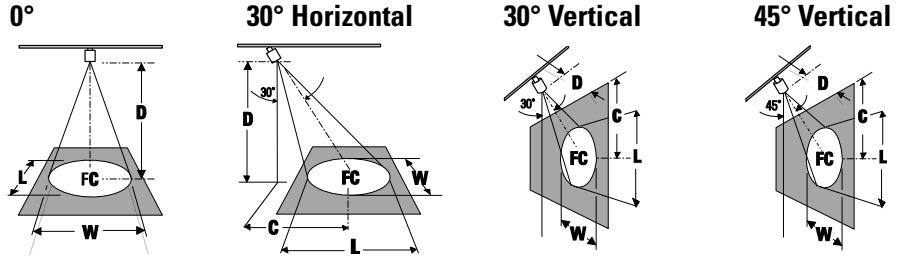


### AIMING ANGLE:

- 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 data shown is typical. Consult lamp manufacturers for availability and performance.



### LAMP

Lamp	Beam Spread (To 50% CBCP)	CBCP	Rated Life (Hrs.)	0°					30° Horizontal					30° Vertical					45° Vertical				
				D	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	
60W PAR16 NSP	10°	5,000	2,000	6'	139	1.0'	1.0'	5'	2.9'	130	1.2'	1.0'	2'	3.5'	156	1.4'	0.7'	3'	3.0'	196	1.1'	0.7'	
				8'	78	1.4'	1.4'	7'	4.0'	66	1.6'	1.4'	3'	5.2'	69	2.1'	1.0'	5'	5.0'	71	1.6'	1.2'	
				10'	50	1.7'	1.7'	9'	5.2'	40	2.1'	1.8'	4'	6.9'	39	2.9'	1.4'	7'	7.0'	36	2.5'	1.7'	
60W PAR16 NFL	30°	1,300	2,000	3'	144	1.6'	1.6'	3'	1.7'	94	2.2'	1.9'	1'	1.7'	163	2.7'	1.1'	2'	2.0'	115	2.3'	1.5'	
				5'	52	2.7'	2.7'	5'	2.9'	34	3.7'	3.1'	2'	3.5'	41	5.5'	2.1'	3'	3.0'	51	3.5'	2.3'	
				7'	27	3.8'	3.8'	7'	4.0'	17	5.1'	4.3'	3'	5.2'	18	8.2'	3.2'	4'	4.0'	29	4.6'	3.0'	
50W PAR20 NSP	8°	6,000	2,000	6'	167	0.8'	0.8'	5'	2.9'	156	0.9'	0.8'	2'	3.5'	188	1.1'	0.6'	3'	3.0'	236	0.8'	0.6'	
				8'	94	1.1'	1.1'	7'	4.0'	80	1.3'	1.1'	3'	5.2'	83	1.7'	0.8'	5'	5.0'	85	1.4'	1.0'	
				10'	60	1.4'	1.4'	9'	5.2'	48	1.7'	1.5'	4'	6.9'	47	2.3'	1.1'	7'	7.0'	43	2.0'	1.4'	
50W PAR20 SP	15°	3,200	2,000	6'	89	1.6'	1.6'	5'	2.9'	83	1.8'	1.5'	2'	3.5'	100	2.2'	1.1'	3'	3.0	126	1.6'	1.1'	
				8'	50	2.1'	2.1'	7'	4.0'	42	2.5'	2.1'	3'	5.2'	44	3.3'	1.6'	5'	5.0'	45	2.7'	1.9'	
				10'	32	2.6'	2.6'	9'	5.2'	26	3.2'	2.7'	4'	6.9'	25	4.4'	2.1'	7'	7.0'	23	3.8'	2.6'	
50W PAR20 NFL	27°	1,850	2,000	4'	116	1.9'	1.9'	3'	1.7'	134	2.0'	1.7'	1'	1.7'	231	2.3'	1.0'	3'	3.0'	73	3.1'	2.0'	
				6'	51	2.9'	2.9'	5'	2.9'	48	3.3'	2.8'	2'	3.5'	58	4.6'	1.9'	4'	4.0'	41	4.1'	2.7'	
				8'	29	3.8'	3.8'	7'	4.0'	25	4.6'	3.9'	3'	5.2'	26	7.0'	2.9'	5'	5.0'	26	5.1'	3.4'	
75W PAR30 NSP	9°	14,000	2,500	8'	219	1.3'	1.3'	7'	4.0'	186	1.5'	1.3'	3'	5.2'	194	1.9'	0.9'	5'	5.0'	196	1.6'	1.1'	
				12'	97	1.9'	1.9'	10'	5.8'	91	2.1'	1.8'	4'	6.9'	109	2.6'	1.3'	7'	7.0'	101	2.2'	1.6'	
				16'	55	2.5'	2.5'	13'	7.5'	54	2.7'	2.4'	5'	8.7'	70	3.2'	1.6'	9'	9.0'	61	2.9'	2.0'	
75W PAR30 NFL	30°	3,200	2,500	6'	89	3.2'	3.2'	5'	2.9'	83	3.7'	3.1'	2'	3.5'	100	5.5'	2.1'	3'	3.0'	126	3.5'	2.3'	
				8'	50	4.3'	4.3'	7'	4.0'	42	5.1'	4.3'	3'	5.2'	44	8.2'	3.2'	5'	5.0'	45	5.8'	3.8'	
				10'	32	5.4'	5.4'	9'	5.2'	26	6.6'	5.6'	4'	6.9'	25	10.9'	4.3'	7'	7.0'	23	8.1'	5.3'	
75W PAR30 FL	40°	2,000	2,500	4'	125	2.9'	2.9'	3'	1.7'	144	3.0'	2.5'	1'	1.7'	250	4.8'	1.5'	3'	3.0'	79	5.0'	3.1'	
				6'	56	4.4'	4.4'	5'	2.9'	52	5.1'	4.2'	2'	3.5'	63	9.7'	2.9'	4'	4.0'	44	6.7'	4.1'	
				8'	31	5.8'	5.8'	7'	4.0'	27	7.1'	5.9'	3'	5.2'	28	14.5'	4.4'	5'	5.0'	28	8.4'	5.1'	
90W PAR38 NSP	9°	19,500	2,500	10'	195	1.6'	1.6'	8'	4.6'	198	1.7'	1.5'	4'	6.9'	152	2.6'	1.3'	6'	6.0'	192	1.9'	1.3'	
				15'	87	2.4'	2.4'	12'	6.9'	88	2.5'	2.2'	6'	10.4'	60	3.8'	1.9'	9'	9.0'	85	2.9'	2.0'	
				20'	49	2.4'	2.4'	16'	9.2'	49	3.4'	2.9'	8'	13.9'	38	5.1'	2.5'	12'	12.0'	48	3.8'	2.7'	
90W PAR38 SP	12°	14,500	2,500	8'	227	1.7'	1.7'	7'	4.0'	192	2.0'	1.7'	3'	5.2'	201	2.6'	1.3'	5'	5.0'	205	2.1'	1.5'	
				12'	101	2.5'	2.5'	10'	5.8'	94	2.8'	2.4'	4'	6.9'	113	3.5'	1.7'	7'	7.0'	105	3.0'	2.1'	
				16'	57	3.4'	3.4'	13'	7.5'	56	3.7'	3.2'	5'	8.7'	73	4.3'	2.1'	9'	9.0'	63	3.8'	2.7'	
90W PAR38 FL	28°	4,500	2,500	6'	125	3.0'	3.0'	5'	2.9'	117	3.4'	2.9'	2'	3.5'	141	4.9'	2.0'	3'	3.0'	177	3.2'	2.1'	
				8'	70	4.0'	4.0'	7'	4.0	60	4.8'	4.0'	3'	5.2'	63	7.4'	3.0'	5'	5.0'	64	5.3'	3.5'	
				10'	45	5.0'	5.0'	9'	5.2'	36	6.1'	5.2'	4'	6.9'	35	9.8'	4.0'	7'	7.0'	32	7.4'	4.9'	
90W PAR38 WFL	60°	1,300	2,500	3'	144	3.5'	3.5'	3'	1.7'	94	5.2'	4.0'	1'	1.7'	163	*	2.3'	2'	2.0'	115	6.9'	3.3'	
				5'	52	5.6'	5.6'	5'	2.9'	34	6.7'	6.7'	2'	3.5'	41	*	4.6'	3'	3.0'	51	10.4'	4.9'	
				7'	27	8.1'	8.1'	7'	4.0'	17	12.1'	9.3'	3'	5.2'	16	*	6.9'	4'	4.0'	29	13.9'	6.5'	
120W PAR38 NSP	10°	25,000	3,000	10'	250	1.7'	1.7'	8'	4.6'	254	1.9'	1.6'	4'	6.9'	195	2.9'	1.4'	6'	6.0'	246	2.1'	1.5'	
				15'	111	2.6'	2.6'	12'	6.9'	113	2.8'	2.4'	6'	10.4'	87	4.3'	2.1'	9'	9.0'	109	3.2'	2.2'	
				20'	63	3.5'	3.5'	16'	9.2'	63	3.7'	3.2'	8'	13.9'	49	5.7'	2.8'	12'	12.0'	61	4.2'	3.0'	
120W PAR38 FL	30°	5,000	3,000	6'	139	3.2'	3.2'	5'	2.9'	130	3.7'	3.1'	2'	3.5'	156	5.5'	2.1'	3'	3.0'	196	3.5'	2.3'	
				8'	78	4.3'	4.3'	7'	4.0'	66	5.1'	4.3'	3'	5.2'	69	6.2'	3.2'	4'	4.0'	71	5.8'	3.8'	
				10'	50	5.4'	5.4'	9'	5.2'	40	6.6'	5.6'	4'	6.9'	39	10.9'	4.3'	5'	5.0'	36	8.1'	5.3'	
120W PAR38 WFL	50°	2,000	3,000	4'	125	3.7'	3.7'	3'	1.7'	144	4.0'	3.2'	1'	1.7'	250	10.7'	1.9'	3'	3.0'	79	7.2'	4.0'	
				6'	56	5.6'	5.6'	5'	2.9'	52	6.7'	5.4'	2'	3.5'	63	21.5'	3.7'	4'	4.0'	44	9.5'	5.3'	
				8'	31	7.5'	7.5'	7'	4.0'	27	9.4'	7.5'	3'	5.2'	28	32.2'	5.6'	5'	5.0'	28	11.9'	6.6'	
250W PAR38 SP	11°	40,000	4,200	15'	178	2.9'	2.9'	10'	5.6'	260	2.6'	2.2'	5'	8.7'	200	4.0'	1.9'	8'	8.0'	221	3.1'	2.2'	
				20'	100	3.9'	3.9'	15'	8.7'	115	3.9'	3.3'	8'	13.9'	78	6.3'	3.1'	12'	12.0'	96	4.7'	3.3'	
				25'	64	4.8'	4.8'	20'	11.5'	65	5.2'	4.4'	11'	19.1'	41	8.7'	4.2'	16'	16.0'	55	6.2'	4.4'	
250W PAR38 FL	32°	8,000	4,200	7'	163	4.0'	4.0'	6'	3.5'	144	4.7'	4.0'	2'	3.5'	250	6.1'	2.3'	4'	4.0'	177	5.0'	3.2'	
				10'	80	5.7'	5.7'	9'	5.2'	64	7.1'	6.0'	3'	5.2'	111	9.1'	3.4'	6'	6.0'	79	7.5'	4.9'	
				13'	47	7.5'	7.5'	12'	6.9'	36	9.4'	7.9'	4'	6.9'	63	12.2'	4.6'	8'	8.0'	44	10.0'	5.5'	
16'	31	9.2'	9.2'	15'	8.7'	23	11.8'	9.9'	5'	8.7'	40	15.2'	5.7'	10'	10.0'	28	12.5'	9.1'					

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