

Ordering Information

Catalog No.	Finishes	Track Mountings	Ballast Module	Lamp
8300WH 8300BK 8300AL	Matte White Matte Black Metallic Aluminum	All Lytespan® Track systems and Multi-point. All PowerArc™ Modular canopies, extension wands, mounting brackets or pipe clamps. Not compatible with ProSpec® or ATOM®. See ballast for details.	Use one of: 83B20E 83B39M 83B39E 83B10M 83B70M 83CY70E 83B10E 83B70SE 83CY39E	PAR20 39W Ceramic Metal Halide PAR30L 39W, 70W Ceramic Metal Halide PAR38 70W, 100W Ceramic Metal Halide

Features

- Housing:** Die cast aluminum body.
- Vertical Pivot:** 0-90° vertical adjustment.
- Horizontal Pivot:** Die cast track adapter with infinite rotation.
- Track Attachment Fitting:** Molded polycarbonate, rotates into track.
- Power Connector:** 5kv rated with insulated pins. Connects to ballast module. Keyed for polarity.
- Socket:** (not shown) 5kv pulse rated ceramic body socket with brass nickel plated screw shell.

Accessories

- | | | |
|-------------------------|--------------------|---|
| 83EW18WH, BK, AL | 18" Extension Wand | } Compatible with magnetic ballasts only. |
| 83EW48WH, BK, AL | 48" Extension Wand | |
| 83EC72WH, BK | 6' Extension Cord | |
| 83PCWH, BK | Pipe Clamp | |
| 83MPTWH, BK | Mounting Bracket | |

Finishes

All painted finishes are baked enamel.

Electrical

See ballast module spec sheet.

Labels

UL, cUL

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



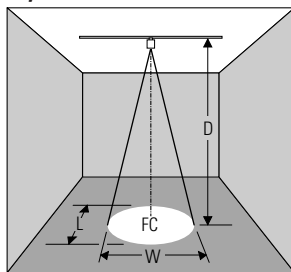
Lighting Data

Aiming Angle 0°

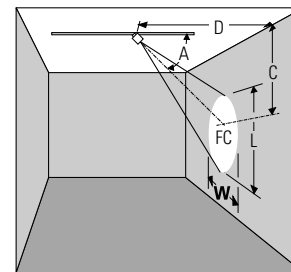
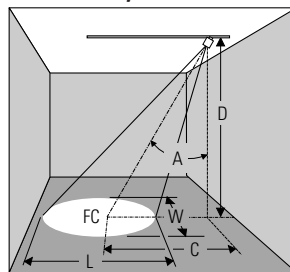
- L Beam Length
- W Beam Width
- C Distance to center beam
- D Distance
- A Aiming Angle
- FC Footcandles

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.

30°, 45° or 60° Horizontal



30°, 45° or 60° Vertical



LAMP

Beam Spread 50% Max CP
Beam Center C.P. Candelas
Rated Life-Hrs

 39W PAR20* SP 10°	10'	280	1.7'	1.7'	28000	9000
	15'	124	2.6'	2.6'		
	20'	70	3.5'	3.5'		
	25'	45	4.4'	4.4'		
	30'	30	5.2'	5.2'		

 39W PAR20* FL 30°	6'	167	3.2'	3.2'	6000	9000
	8'	94	4.3'	4.3'		
	10'	60	5.4'	5.4'		
	12'	42	6.4'	6.4'		
	15'	28	7.5'	7.5'		

 39W PAR30* SP 10°	10'	187	2.6'	2.6'	42000	9000
	20'	105	3.5'	3.5'		
	25'	67	4.4'	4.4'		
	30'	47	5.2'	5.2'		
	35'	33	6.1'	6.1'		

 39W PAR30* FL 30°	7'	133	3.8'	3.8'	6500	9000
	10'	65	5.4'	5.4'		
	13'	38	7.0'	7.0'		
	16'	25	8.6'	8.6'		
	20'	15	10.2'	10.2'		

 70W PAR30* SP 10°	15'	213	2.6'	2.6'	48000	6000
	20'	120	3.5'	3.5'		
	25'	77	4.4'	4.4'		
	30'	53	5.2'	5.2'		
	35'	38	6.1'	6.1'		

 70W PAR30* FL 40°	7'	143	5.1'	5.1'	7000	6000
	10'	70	7.3'	7.3'		
	13'	41	9.5'	9.5'		
	16'	27	11.6'	11.6'		
	20'	15	14.8'	14.8'		

 70W PAR38 SP 15°	10'	280	2.6'	2.6'	28000	7500
	15'	124	3.9'	3.9'		
	20'	70	5.3'	5.3'		
	25'	45	6.6'	6.6'		
	30'	30	7.9'	7.9'		

 70W PAR38 FL 30°	8'	250	4.3'	4.3'	16000	7500
	12'	111	6.4'	6.4'		
	18'	63	8.8'	8.8'		
	20'	40	10.7'	10.7'		
	25'	25	13.6'	13.6'		

 70W PAR38 WFL 65°	6'	111	7.6'	7.6'	4000	7500
	8'	63	10.2'	10.2'		
	10'	40	12.7'	12.7'		
	12'	28	15.3'	15.3'		
	15'	18	18.8'	18.8'		

 100W PAR38 SF 15°	15'	178	3.9'	3.9'	40000	7500
	20'	100	5.3'	5.3'		
	25'	64	6.6'	6.6'		
	30'	44	7.9'	7.9'		
	35'	30	9.2'	9.2'		

 100W PAR38 FL 30°	10'	210	5.4'	5.4'	21000	7500
	15'	193	8.0'	3.9'		
	20'	53	10.7'	10.7'		
	25'	34	13.4'	13.4'		
	30'	22	16.1'	16.1'		

 100W PAR38 WFL 65°	6'	167	7.6'	7.6'	6000	7500
	8'	94	10.2'	10.2'		
	10'	60	12.7'	12.7'		
	12'	42	15.3'	15.3'		
	15'	28	17.9'	17.9'		

0° AIMING ANGLE

D C FC L W

10'	280	1.7'	1.7'
15'	124	2.6'	2.6'
20'	70	3.5'	3.5'
25'	45	4.4'	4.4'
30'	30	5.2'	5.2'

6'	167	3.2'	3.2'
8'	94	4.3'	4.3'
10'	60	5.4'	5.4'
12'	42	6.4'	6.4'
15'	28	7.5'	7.5'

15'	187	2.6'	2.6'
20'	105	3.5'	3.5'
25'	67	4.4'	4.4'
30'	47	5.2'	5.2'
35'	33	6.1'	6.1'

7'	133	3.8'	3.8'
10'	65	5.4'	5.4'
13'	38	7.0'	7.0'
16'	25	8.6'	8.6'
20'	15	10.2'	10.2'

15'	213	2.6'	2.6'
20'	120	3.5'	3.5'
25'	77	4.4'	4.4'
30'	53	5.2'	5.2'
35'	38	6.1'	6.1'

7'	143	5.1'	5.1'
10'	70	7.3'	7.3'
13'	41	9.5'	9.5'
16'	27	11.6'	11.6'
20'	15	14.8'	14.8'

10'	280	2.6'	2.6'
15'	124	3.9'	3.9'
20'	70	5.3'	5.3'
25'	45	6.6'	6.6'
30'	30	7.9'	7.9'

8'	250	4.3'	4.3'
12'	111	6.4'	6.4'
18'	63	8.8'	8.8'
20'	40	10.7'	10.7'
25'	25	13.6'	13.6'

6'	111	7.6'	7.6'
8'	63	10.2'	10.2'
10'	40	12.7'	12.7'
12'	28	15.3'	15.3'
15'	18	18.8'	18.8'

15'	178	3.9'	3.9'
20'	100	5.3'	5.3'
25'	64	6.6'	6.6'
30'	44	7.9'	7.9'
35'	30	9.2'	9.2'

10'	210	5.4'	5.4'
15'	193	8.0'	3.9'
20'	53	10.7'	10.7'
25'	34	13.4'	13.4'
30'	22	16.1'	16.1'

6'	167	7.6'	7.6'
8'	94	10.2'	10.2'
10'	60	12.7'	12.7'
12'	42	15.3'	15.3'
15'	28	17.9'	17.9'

A=30° AIMING ANGLE

D C FC L W

8'	4.6'	284	1.9'	1.6'
12'	6.9'	126	2.8'	2.4'
16'	9.2'	71	3.7'	3.2'
20'	11.5'	45	4.7'	4.0'
25'	14.4'	28	5.7'	4.8'

5'	2.9'	156	3.7'	3.1'
7'	4.0'	80	5.1'	4.3'
9'	5.2'	48	6.5'	5.6'
11'	6.4'	32	8.1'	6.8'
15'	8.7'	19	11.0'	9.9'

10'	5.8'	273	2.3'	2.0'
15'	8.7'	121	3.5'	3.0'
20'	11.5'	68	4.7'	4.0'
25'	14.4'	44	5.8'	5.1'
30'	17.3'	28	6.9'	5.8'

6'	3.5'	117	4.4'	3.7'
9'	5.2'	52	6.6'	5.6'
12'	6.9'	29	8.8'	7.4'
15'	8.7'	19	11.0'	9.9'
20'	11.5'	12	14.8'	12.6'

10'	5.8'	312	2.3'	2.0'
15'	8.7'	139	3.5'	3.0'
20'	11.5'	78	4.7'	4.0'
25'	14.4'	50	5.8'	5.1'
30'	17.3'	31	6.9'	5.8'

6'	3.5'	126	6.1'	5.0'
9'	5.2'	58	9.1'	7.6'
12'	6.9'	32	12.2'	10.1'
15'	8.7'	20	15.2'	12.6'
20'	11.5'	12	21.6'	16.2'

8'	4.6'	284	2.8'	2.4'
12'	6.9'	126	4.2'	3.6'
16'	9.2'	71	5.8'	4.9'
20'	11.5'	45	7.1'	6.1'
25'	14.4'	28	8.4'	7.1'

7'	3.5'	212	5.1'	4.3'
10'	4.0'	104	7.3'	6.2'
13'	5.8'	61	9.5'	8.0'
16'	7.5'	41	11.7'	9.9'
20'	10.2'	25	15.2'	12.6'

5'	2.9'	104	9.8'	7.4'
7'	4.0'	53	13.8'	10.3'
9'	5.2'	32	17.7'	13.2'
11'	6.4'	21	21.6'	16.2'
15'	8.7'	12	28.8'	21.6'

10'	5.8'	280	3.5'	3.0'
15'	8.7'	115	5.3'	4.5'
20'	11.5'	65	7.1'	6.1'
25'	14.4'	42	8.8'	7.6'
30'	17.3'	28	10.5'	8.8'

8'	4.6'	213	5.9'	5.0'
12'	6.9'	95	8.8'	7.4'
16'	9.2'	53	11.7'	9.9'
20'	11.5'	34	14.6'	12.4'
25'	14.4'	21	18.5'	15.9'

5'	2.9'	155	9.8'	7.4'
7'	4.0'	80	13.8'	10.3'
9'	5.2'	48	17.7'	13.2'
11'	6.4'	32	21.6'	16.2'
15'	8.7'	20	28.8'	21.6'

A=45° AIMING ANGLE

D C FC L W

6'	6.0'	275	2.1'	1.5'
9'	9.0'	122	3.2'	2.2'
12'	12.0'	69	4.2'	3.0'
15'	15.0'	44	5.3'	3.7'
20'	20.0'	28	6.9'	4.9'

3'	3.0'	236	3.5'	2.3'
5'	5.0'	85	5.8'	3.8'
7'	7.0'	43	8.1'	5.3'
9'	9.0'	25	10.4'	6.8'
12'	12.0'	16	13.7'	9.1'

8'	8.0'	232	2.8'	2.0'
12'	12.0'	103	4.2'	3.0'
16'	16.0'	58	5.5'	4.0'
22'	22.0'	31	7.8'	5.4'
30'	30.0'	16	10.5'	7.4'

4'	4.0'	144	4.6'	3.0'
6'	6.0'	64	6.9'	4.5'
8'	8.0'	36	9.2'	6.1'
10'	10.0'	23	11.5'	7.6'
15'	15.0'	12	15.3'	10.0'

8'	8.0'	265	2.8'	2.0'
12'	12.0'	118	4.2'	3.0'
16'	16.0'	66	5.6'	4.0'
20'	20.0'	42	7.8'	4.9'
25'	25.0'	26	10.1'	6.4'

4'	4.0'	155	6.7'	4.1'
6'	6.0'	69	10.1'	6.2'
8'	8.0'	39	13.4'	8.2'
10'	10.0'	25	16.8'	10.3'
15'	15.0'	13	22.4'	14.4'

6'	6.0'	275	3
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