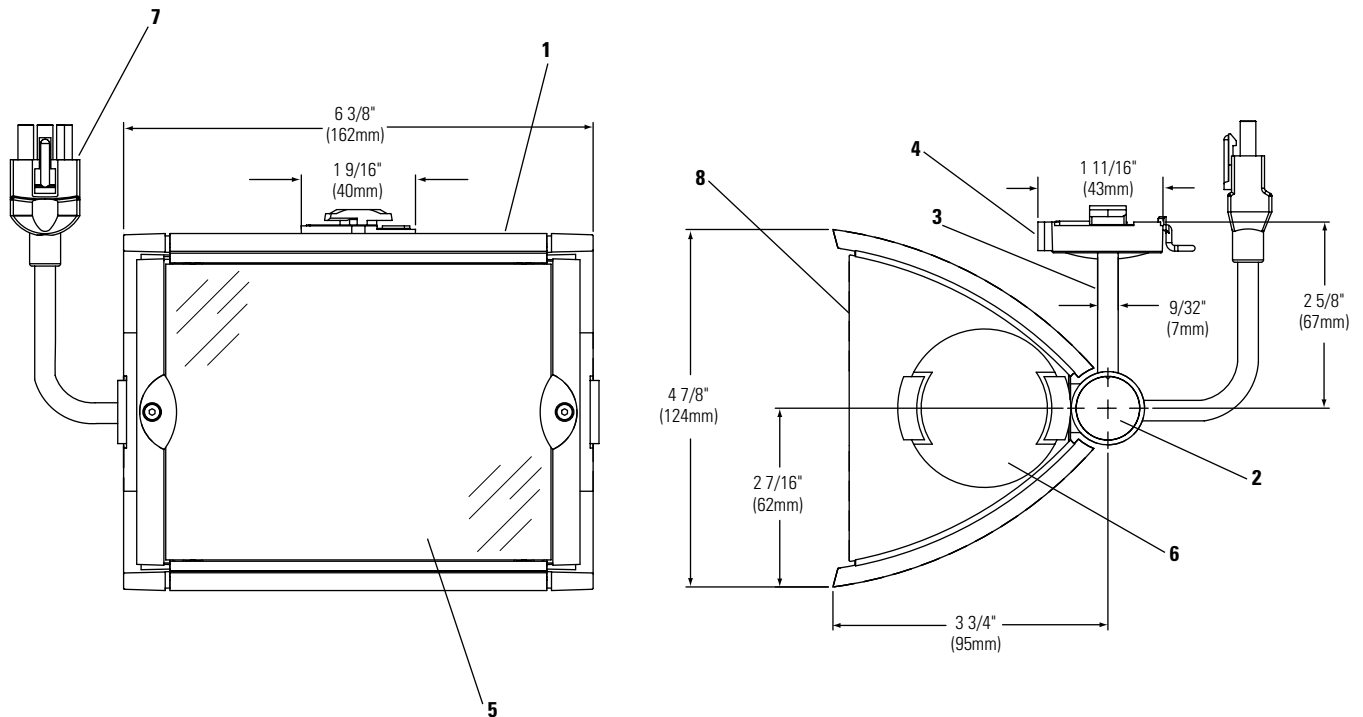
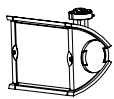




Ordering Information

Catalog No.	Finishes	Track Mountings	Ballast Module	Lamp
83W6WH 83W6BK 83W6AL	Matte White Matte Black Metallic Aluminum	All Lytespan® Track Systems and Multi-point. PowerArc™ Modular canopies, extension wands, mounting brackets or pipe clamps. Not compatible with ProSpec® or ATOM®	Use one of: 83B39E 83B70M 83CY39E 83CY70E 83B70SE 83B39M 83B39LE 83B70E	T6, G12 base, Single Ended Ceramic Metal Halide, 70W Max.

Features

- Housing:** 0.10" thick extruded aluminum body.
- Vertical Pivot:** 0 - 180° vertical adjustment.
- Horizontal Pivot:** Die cast track adapter with infinite rotation.
- Track Attachment Fitting:** Molded polycarbonate; rotates into track.
- Safety Lens:** Tempered 1/8" glass. Meets or exceeds U.L. safety requirements for metal halide lamps.
- Lamp Cartridge:** Die cast aluminum. Allows easy side relamping without removal of lens.
- Power Connector:** 5kv rated with insulated pins. Connects to ballast module. Keyed for polarity.
- End Caps:** Die cast aluminum.
- Lampholder:** (not shown) G12 base, 5kv pulse rated. High temperature ceramic body with CuSn nickel plated contacts.

Accessories

83EW18WH, BK, AL	18" Extension Wand	Compatible with 83B39LE, 83B70E and magnetic ballasts only
83EW48WH, BK, AL	48" Extension Wand	
83EC72WH, BK	6' Extension Cord	
83PCWH, BK	Pipe Clamp	
83MPTWH, BK	Mounting Bracket	

Electrical

See ballast module spec sheet.

Finish

All painted finishes are baked enamel.

Labels

UL, cUL

Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:

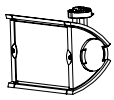
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www.lightolier.com

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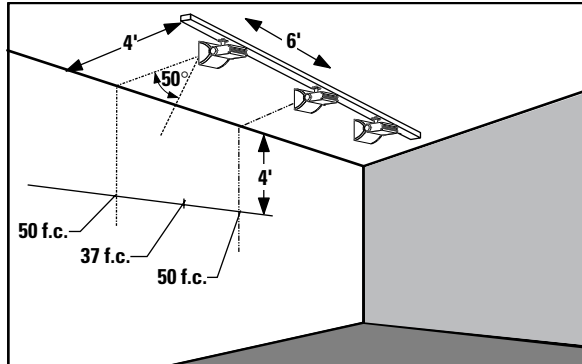
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Lighting Data

Footcandles on wall:



Lamp Information:

70W CDM T6 Single Ended Metal Halide.

Initial Lumens: 6600

CRI: 82

Rated Avg. life: 9,000 - 15,000 hrs.

For 39W Multiply by 0.5.

EXAMPLE: With track located 4' from wall and multiple units spaced 8' on center and aimed 50° from horizontal, the illumination on wall 4' from ceiling will be 50.c. beneath units and 37 f.c. between units.

Footcandles on Wall

Track 3 Feet From Wall

Single Unit

		0'	1'	2'	3'	4'	5'
Distance From Ceiling	Beam Center						
	1'	153	129	70	30	13	6
	2'	127	111	73	38	16	6
	3'	85	76	56	34	17	7
	4'	57	51	40	28	16	9
	5'	39	35	20	21	13	8
	6'	26	25	20	16	11	7
	7'	17	16	14	11	9	6
	8'	12	11	10	8	7	5
	9'	8	8	7	6	5	4

Multiple Units

	4'	5'	6'
1'	104 150 184	169 98 169	163 63 163
2'	159 149 159	139 109 139	132 76 132
3'	120 118 120	99 91 99	90 69 91
4'	93 90 93	76 73 76	67 59 68
5'	67 65 67	54 52 54	47 42 47
6'	53 52 53	43 41 43	37 35 37
7'	39 38 39	31 31 31	27 26 27
8'	29 29 29	23 23 23	20 20 20
9'	23 23 23	19 19 19	16 16 16

Track 4 Feet From Wall

Single Unit

		0'	1'	2'	3'	4'	5'
Distance From Ceiling	Beam Center						
	1'	72	67	46	24	9	3
	2'	84	76	56	36	19	9
	3'	65	61	48	34	21	11
	4'	48	45	38	29	19	12
	5'	35	33	28	23	17	11
	6'	26	25	21	18	14	10
	7'	20	19	17	14	11	8
	8'	15	14	13	11	9	7
	9'	11	11	10	9	7	6

Multiple Units

	6'*	8'*	10'*
1'	77 57 77	76 23 76	75 7 75
2'	91 72 91	87 37 87	86 15 86
3'	74 69 74	67 41 67	66 21 66
4'	60 57 60	50 37 50	49 22 49
5'	47 45 47	38 32 38	36 21 36
6'	38 36 38	31 26 31	28 19 28
7'	31 28 31	24 21 24	21 16 21
8'	24 22 24	19 17 19	16 13 16
9'	19 18 19	15 14 15	13 11 13
	15 14 15	12 11 12	10 9 10
	12 11 12	10 9 10	8 7 8
	10 9 10	8 7 8	6 6 6

Footcandles are average and rounded off and data for multiple units are based on a minimum of five units.

For 39W: Multiply values by 0.5

Rated Lamp Life 9,000 - 12,000 Hrs.

Job Information

Type:

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