

Ordering Information

Catalog No.	Finishes	Mounting	Lamps
8170WH 8170BK	Matte White Matte Black	All Lytespan Track Systems	20W-75W MR-16 12V

Features

- 1. Transformer Housing:** Die-cast aluminum. Fitter twists onto track and locks on.
- 2. Lamp Holder:** Die-form aluminum, .032".
- 3. Bracket:** .060" steel.
- 4. Trunion Mounting:** Tensioned, provides 90° vertical adjustment.
- 5. Pivot Mounting:** Tensioned; 90° horizontal adjustment each side.
- 6. Movable Brass Contact:** Extends for connection to 2nd circuit in Advent Lytespan Track.
- 7. Polarity Key**
- 8. Push Tab:** Molded polycarbonate. Detaches unit.
- 9. Lamp Guard:** Tempered glass.

Electrical/Dimming

Low voltage magnetic transformer designed to fit a compact die-cast housing scaled to complement the track. Two-pin base socket, pre-wired with sleeved No. 18 braided SF-1 leads. For dimming control, 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

2" Series Color Filters, Spread Lens, Beam Elongator, Louver
(See Lightolier Specification Sheet 7472).

Finish

All painted finishes baked enamel.

Labels

UL; I.B.E.W.

Patents

U.S. Patent No. 3,496,518. Foreign patents granted.

Job Information

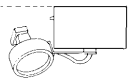
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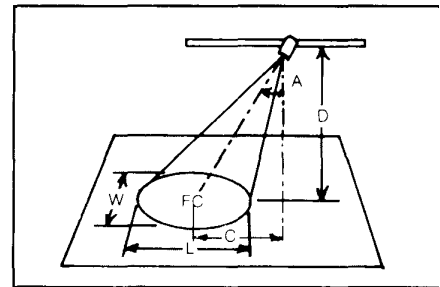
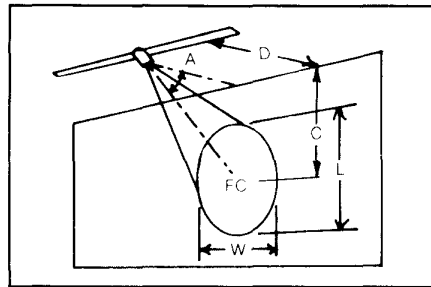
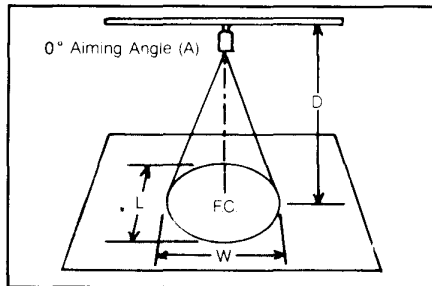
Cat. No.:













Lamp(s):

Notes:



Lighting Data



LAMP	BEAM SPREAD (To 50% Max CP)	BEAM CTR. C.P. (Candelas)	RATED LIFE (Hours)	0° AIMING ANGLE (A)				30° AIMING ANGLE (A)				45° AIMING ANGLE (A)				60° AIMING ANGLE (A)					
				DIST. ANCE (D)	F.C.	BEAM LGTH (L)	BEAM WIDTH (W)	DIST. ANCE (D)	DIST. ANCE (C)	F.C.	BEAM LGTH (L)	BEAM WIDTH (W)	DIST. ANCE (D)	DIST. ANCE (C)	F.C.	BEAM LGTH (L)	BEAM WIDTH (W)	DIST. ANCE (D)	DIST. ANCE (C)	F.C.	BEAM LGTH (L)
20W MR-16 VNSP (EZX)	 5° × 7°	9,000	3,000	7' 10' 13' 16'	184 90 53 35	0.6' 0.9' 1.1' 1.4'	0.9' 1.2' 1.6' 2.0'	6' 9' 12' 15'	3.5' 5.2' 6.9' 8.7'	162 72 41 26	0.7' 1.0' 1.4' 1.7'	4' 6' 8' 10'	4.0' 6.0' 8.0' 10.0'	199 88 50 32	0.7' 1.0' 1.4' 1.7'	2' 3' 4' 5'	3.5' 5.2' 6.9' 8.7'	281 125 70 45	0.7' 1.1' 1.4' 1.8'	0.5' 0.7' 1.0' 1.2'	
20W MR-16 NSP (ESX)	 10° × 13°	3,300	2,000	6' 8' 10' 12'	92 52 33 23	1.0' 1.4' 1.7' 2.1'	1.4' 1.8' 2.3' 2.7'	5' 7' 9' 11'	2.9' 4.0' 5.2' 6.4'	86 44 26 18	1.2' 1.6' 2.1' 2.6'	3' 5' 7' 9'	3.0' 5.0' 7.0' 9.0'	130 47 24 14	1.1' 1.6' 2.3' 3.2'	2' 3' 4' 5'	3.5' 5.2' 6.9' 8.7'	103 46 26 17	1.4' 2.1' 2.9' 3.6'	0.9' 1.4' 1.8' 2.3'	
20W MR-16 FL (BAB)	 36° × 37°	460	2,000	2' 3' 4' 5'	115 51 29 18	1.3' 1.9' 2.6' 3.2'	1.3' 2.0' 2.7' 3.3'	2' 3' 4' 5'	1.2' 1.7' 2.3' 2.9'	75 33 19 12	1.8' 2.7' 3.6' 4.5'	1.5' 2.3' 3.1' 3.9'	2' 3' 4' 5'	2.0' 3.0' 4.0' 5.0'	41 18 10 7	2.9' 4.4' 5.8' 7.3'	1.9' 2.8' 3.8' 4.7'	1' 2' 3' 4'	1.7' 3.5' 5.2' 6.9'	58 14 6 4	3.8' 7.6' 11.4' 15.2'
42W MR-16 VNSP (EZY)	 7° × 9°	12,000	3,000	8' 12' 16' 20'	187 83 47 30	1.0' 1.5' 2.0' 2.4'	1.3' 1.9' 2.5' 3.1'	7' 10' 13' 16'	4.0' 5.8' 7.5' 9.2'	159 78 46 30	1.1' 1.6' 2.1' 2.6'	5' 7' 9' 11'	5.0' 7.0' 9.0' 11.0'	170 87 52 35	1.2' 1.7' 2.2' 2.7'	1.1' 1.6' 2.0' 2.4'	3' 4' 5' 6'	5.2' 6.9' 8.7' 10.4'	167 94 60 42	1.5' 2.0' 2.5' 3.0'	0.9' 1.3' 1.6' 1.9'
42W MR-16 NSP (EYR)	 11.5°	7,076	2,500	7' 10' 13' 16'	144 71 42 28	1.4' 2.0' 2.6' 3.2'	1.4' 2.0' 2.6' 3.2'	6' 9' 12' 15'	3.5' 5.2' 6.9' 8.7'	128 57 32 20	1.6' 2.1' 2.8' 3.5'	4' 6' 8' 10'	4.0' 6.0' 8.0' 10.0'	156 69 39 25	1.6' 2.4' 3.3' 4.1'	1.1' 1.7' 2.3' 2.8'	2' 3' 4' 5'	3.5' 5.2' 6.9' 8.7'	221 98 55 35	1.7' 2.5' 3.3' 4.2'	0.8' 1.2' 1.6' 2.0'
42W MR-16 SP (EYS)	 20°	2,800	2,500	4' 6' 8' 10'	175 83 44 28	1.4' 2.1' 2.8' 3.5'	1.4' 2.1' 2.8' 3.5'	3' 5' 7' 9'	1.7' 2.9' 4.0' 5.2'	202 73 37 22	1.4' 2.1' 3.3' 4.3'	3' 4' 5' 6'	3.0' 4.0' 5.0' 6.0'	110 62 40 27	2.2' 2.9' 3.6' 4.4'	1.5' 2.0' 2.5' 3.0'	1' 2' 3' 4'	1.7' 3.5' 5.2' 6.9'	350 88 39 22	1.6' 3.1' 4.7' 6.2'	0.7' 1.4' 2.1' 2.8'
42W MR-16 FL (EYP)	 36°	991	2,500	3' 5' 7' 9'	110 40 20 12	1.9' 3.2' 4.5' 5.8'	1.9' 3.2' 4.5' 5.8'	3' 5' 7' 9'	1.7' 2.9' 4.0' 5.2'	72 26 13 8	2.7' 4.5' 6.3' 8.1'	2' 3' 4' 5'	2.0' 3.0' 4.0' 5.0'	88 39 22 14	2.9' 4.4' 5.8' 7.3'	1.8' 2.8' 3.7' 4.6'	1' 2' 3' 4'	1.7' 3.5' 5.2' 6.9'	124 31 14 8	3.8' 7.6' 11.4' 15.2'	
50W MR-16 NSP (EXT)	 11° × 13°	9,150	3,000	7' 10' 13' 16'	187 91 54 36	1.3' 1.9' 2.5' 3.1'	1.6' 2.3' 3.0' 3.6'	6' 9' 12' 15'	3.5' 5.2' 6.9' 8.7'	165 73 41 26	1.5' 2.3' 3.1' 3.9'	4' 6' 8' 10'	4.0' 6.0' 8.0' 10.0'	202 90 51 32	1.6' 2.3' 3.1' 3.9'	1.3' 1.9' 2.6' 3.2'	2' 3' 4' 5'	3.5' 5.2' 6.9' 8.7'	286 127 71 46	1.6' 2.4' 3.2' 4.0'	0.9' 1.4' 1.8' 2.3'
50W MR-16 NFL (EXZ)	 22° × 27°	3,000	3,000	6' 8' 10' 12'	83 47 30 21	2.3' 3.1' 3.9' 4.7'	2.9' 3.8' 4.8' 5.8'	5' 7' 9' 11'	2.9' 4.0' 5.2' 6.4'	78 40 24 16	2.6' 3.7' 5.0' 6.1'	3' 5' 7' 9'	3.0' 5.0' 7.0' 9.0'	118 42 22 13	2.4' 3.4' 5.7' 7.3'	2.0' 3.4' 4.8' 6.1'	2' 3' 4' 5'	3.5' 5.2' 7.0' 8.7'	94 42 23 15	3.5' 5.3' 7.0' 8.8'	1.9' 2.9' 3.8' 4.8'
50W MR-16 FL (EXN)	 37° × 39°	1,500	3,000	3' 5' 7' 9'	167 60 31 19	2.0' 3.3' 4.7' 6.0'	2.1' 3.5' 5.0' 6.4'	3' 5' 7' 9'	1.7' 2.9' 4.0' 5.2'	108 39 20 12	2.8' 4.6' 6.5' 8.3'	2.5' 4.1' 5.7' 7.4'	2' 3' 4' 5'	2.0' 3.0' 4.0' 5.0'	133 59 33 21	3.0' 4.5' 6.0' 7.5'	2.0' 3.0' 4.0' 5.0'	1' 2' 3' 4'	1.7' 3.5' 5.2' 6.9'	188 47 21 12	4.0' 8.1' 12.1' 16.1'
75W MR-16 NSP (EYF)	 14° × 15°	11,500	3,500	8' 12' 16' 20'	180 80 45 29	2.0' 2.9' 3.9' 4.9'	2.1' 3.2' 4.2' 5.3'	7' 10' 13' 16'	4.0' 5.8' 7.5' 9.2'	152 75 44 29	2.3' 3.3' 4.3' 5.3'	5' 7' 9' 11'	5.0' 7.0' 9.0' 11.0'	163 83 50 34	2.5' 3.5' 5.0' 6.5'	1.9' 2.6' 3.4' 4.1'	3' 4' 5' 6'	5.2' 6.9' 8.7' 10.4'	160 90 58 40	3.1' 4.1' 5.1' 6.2'	1.6' 2.1' 2.6' 3.2'
75W MR-16 FL (EYC)	 38° × 40°	2,000	3,500	4' 6' 8' 10'	125 56 31 20	2.8' 4.1' 5.5' 6.9'	2.9' 4.4' 5.8' 7.3'	3' 5' 7' 9'	1.7' 2.9' 4.0' 5.2'	144 52 27 16	2.9' 4.8' 6.7' 8.6'	2.5' 4.2' 5.9' 7.6'	3' 4' 5' 6'	3.0' 4.0' 5.0' 6.0'	79 44 28 20	4.7' 6.3' 7.8' 9.4'	3.1' 4.1' 5.1' 6.2'	1' 2' 3' 4'	1.7' 3.5' 5.2' 6.9'	250 63 28 16	4.3' 8.6' 12.8' 17.1'

(FC) is the initial footcandles at the center of the beam

(L) and (W) are to the point that the candlepower drops to 50% of maximum,

† Exceeds useable limits.

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.

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