LIGHTOLIER
by signify

Downlighting

LytePoints 3 3/4”

309X Adjustable Slot

Project:

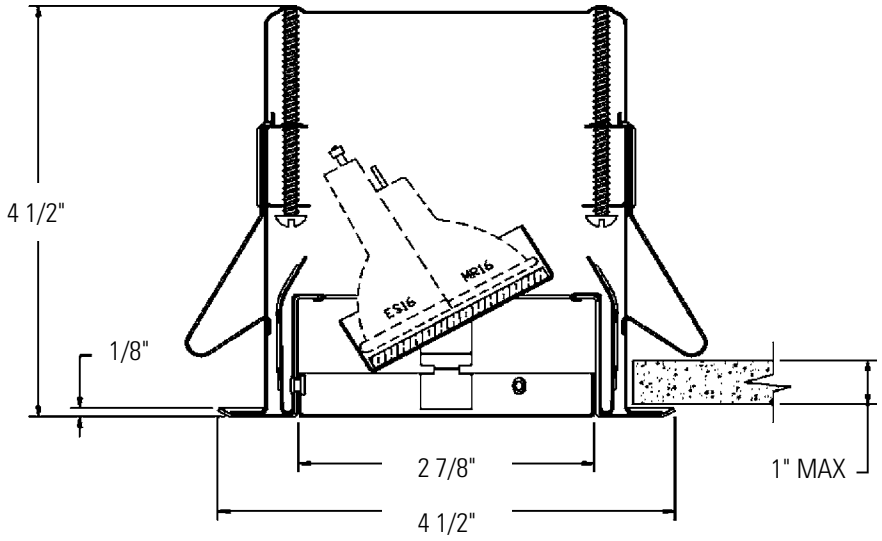
Location:

Cat.No:

Type:

Lamps: Qty:

Notes:



Complete fixture consists of Reflector Trim & Frame-In Kit. Select each separately

Reflector Trim		Frame-In Kit		Lamp
309STX	Stainless Steel Plated	**Remodeler**	**300MRSPX**	50W MR16
309WHX	White Paint	**Remodeler**	**3401MREX**	42W MR16
		Remodeler	**300ESX**	50W ES/ESD16 (GZ10)
		Non-IC	**302MRSPX**	50W MR16
		Non-IC	**302MREX**	50W MR16
		Non-IC	**302ESX**	50W ES/ESD16 (GZ10)
		IC	**302MRIC9SPX**	50W MR16
		IC	**302ESICX**	50W ES/ESD16 (GZ10)
		Air Seal/IC	**302MRAICEX/302MRAICSPX**	37W MR16

Features

1. **Housing:** 25ga galvanized steel.
2. **Residence Mounting Clip:** Factory-installed; zinc plated spring steel; free-hand installation.
3. **Aperture Plate:** Die-formed 24 ga. steel. Inner shield, welded to aperture plate; black finish.
4. **Adjustable Lampholder Support:** 27ga. steel ; Rotates 358° horizontally and 0° to 40° vertically.
5. **Mounting Clips (2):** 24ga. spring steel, zinc plated. Provide easy snap-in / snap-out action.
6. **Lamp Guard:** 2" (51mm) dia. borosilicate glass.

Frame-In Kit

Note: For complete Frame-In Kit specifications, see 300 frame specification sheets.

Labels:

CSA , UL Suitable for damp locations.

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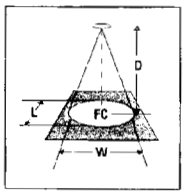
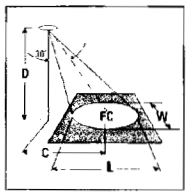
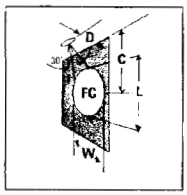
Adjustable Slot

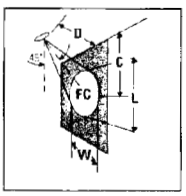
(FC) is initial footcandles at center of beam.
Beam length (L) and beam width (W) are to where the candlepower is reduced to 50% of center beam candlepower.
CBCP is center beam candlepower.
(C) is distance to the center of the beam.

Lamp data shown is typical, and is based on bare lamp photometrics. Contact lamp manufacturers for availability and performance.









Lamps	Beam Spread (To 50% CBCP)	CBCP	Rated Life (Hrs.)	0° AIMING ANGLE D	FC	L	W	30° AIMING ANGLE D	C	FC	L	W	30° AIMING ANGLE D	C	FC	L	W	45° AIMING ANGLE D	C	FC	L	W
MR-16 LOW VOLTAGE HALOGEN BI-PIN LAMPS																						
20W MR-16 VNSP (EZX)	7°	8200	3000	7' 167 0.9' 0.9' 10' 82 1.2' 1.2' 12' 48 1.6' 1.6' 16' 32 2.0' 2.0'				6' 3.5' 148 1.0' 0.8' 9' 5.2' 66 1.5' 1.3' 12' 6.9' 37 2.0' 1.7' 15' 8.7' 24 2.3' 2.1'					2' 3.5' 256 1.0' 0.5' 3' 5.2' 114 1.5' 0.7' 4' 6.9' 64 2.0' 1.0' 5' 8.7' 41 2.5' 1.2'					4' 4.0' 181 1.0' 0.7' 6' 6.0' 81 1.5' 1.0' 8' 8.0' 45 2.0' 1.4' 10' 10.0' 29 2.5' 1.7'				
20W MR-16 NSP (ESX)	13°	3600	3000	6' 100 1.4' 1.4' 8' 56 1.8' 1.8' 10' 36 2.3' 2.3' 12' 25 2.7' 2.7'				5' 2.9' 94 1.5' 1.3' 7' 4.0' 48 2.1' 1.8' 9' 5.2' 29 2.7' 2.4' 11' 6.4' 19 3.4' 2.9'					2' 3.5' 113 1.9' 0.9' 3' 5.2' 50 2.8' 1.4' 4' 6.9' 28 3.8' 1.8' 5' 8.7' 18 4.7' 2.3'					3' 3.0' 141 1.4' 1.0' 5' 5.0' 51 2.3' 1.6' 7' 7.0' 26 3.2' 2.3' 9' 9.0' 16 4.2' 2.9'				
20W MR-16 FL (BAB)	40°	525	4000	2' 131 1.5' 1.5' 3' 58 2.2' 2.2' 4' 33 2.9' 2.9' 5' 21 3.6' 3.6'				2' 1.2' 85 2.0' 1.7' 3' 1.7' 38 3.0' 2.5' 4' 2.3' 21 4.1' 3.4' 5' 2.9' 14 5.1' 4.2'					1' 1.7' 66 4.8' 1.5' 2' 3.5' 16 9.7' 2.9' 3' 5.2' 7 14.5' 4.4' 4' 6.9' 4 19.3' 5.8'					2' 2.0' 46 3.4' 2.1' 3' 3.0' 21 5.0' 3.1' 4' 4.0' 12 6.7' 4.1' 5' 5.0' 7 8.4' 5.1'				
35W MR-16 NSP (FPB)	12°	8700	4000	7' 178 1.5' 1.5' 10' 87 2.1' 2.1' 13' 51 2.7' 2.7' 16' 34 3.4' 3.4'				6' 3.5' 157 1.7' 1.5' 9' 5.2' 70 2.5' 2.2' 12' 6.9' 39 3.4' 2.9' 15' 8.7' 25 4.2' 3.5'					2' 3.5' 272 1.7' 0.8' 3' 5.2' 121 2.6' 1.3' 4' 6.9' 68 3.5' 1.7' 5' 8.7' 44 4.3' 2.1'					4' 4.0' 192 1.7' 1.2' 6' 6.0' 85 2.6' 1.8' 8' 8.0' 48 3.4' 2.4' 10' 10.0' 31 4.3' 3.0'				
35W MR-16 SP (FRA)	20°	3900	4000	6' 108 2.1' 2.1' 8' 61 2.8' 2.8' 10' 39 3.5' 3.5' 12' 27 4.2' 4.2'				5' 2.9' 101 2.4' 2.3' 7' 4.0' 52 3.3' 2.9' 9' 5.2' 31 4.3' 3.7' 11' 6.4' 21 5.2' 4.5'					2' 3.5' 122 3.1' 1.4' 3' 5.2' 54 4.7' 2.1' 4' 6.9' 30 6.2' 2.8' 5' 8.7' 20 7.8' 3.5'					3' 3.0' 153 2.2' 1.5' 5' 5.0' 55 3.6' 2.5' 7' 7.0' 28 5.1' 3.5' 9' 9.0' 17 6.6' 4.5'				
35W MR-16 FL (FMW)	40°	7600	4000	4' 100 2.9' 2.9' 6' 44 4.4' 4.4' 8' 25 5.8' 5.8' 10' 16 7.3' 7.3'				3' 1.7' 115 3.0' 2.5' 5' 2.9' 42 5.1' 4.2' 7' 4.0' 21 7.1' 5.8' 9' 5.2' 13 9.1' 7.6'					1' 1.7' 200 4.8' 1.5' 2' 3.5' 50 9.7' 2.9' 3' 5.2' 22 14.5' 4.4' 4' 6.9' 13 19.3' 5.8'					3' 3.0' 63 5.0' 3.1' 4' 4.0' 35 6.7' 4.1' 5' 5.0' 23 8.4' 5.1' 6' 6.0' 16 10.1' 6.2'				
37W MR-16 IR (NSP)	10°	11500	4000	8' 180 1.4' 1.4' 12' 80 2.1' 2.1' 16' 45 2.8' 2.8' 20' 29 3.5' 3.5'				7' 4.0' 152 1.6' 1.4' 10' 5.8' 75 2.3' 2.0' 13' 7.5' 44 3.0' 2.8' 16' 9.2' 29 3.7' 3.2'					3' 5.2' 180 2.1' 1.0' 4' 6.9' 90' 2.9' 1.4' 5' 8.7' 58 3.6' 1.7' 6' 10.4' 40 4.3' 2.1'					5' 5.0' 103 1.8' 1.2' 7' 7.0' 83 2.5' 1.7' 9' 9.0' 50 3.2' 2.2' 11' 11.0' 34 3.9' 2.7'				
37W MR-16 IR (NFL)	25°	3500	4000	6' 97 2.7' 2.7' 8' 55 3.5' 3.5' 10' 35 4.4' 4.4' 12' 24 5.3' 5.3'				5' 2.9' 91 3.0' 2.6' 7' 4.0' 46 4.2' 3.6' 9' 5.2' 28 5.4' 4.6' 11' 6.4' 19 6.6' 5.6'					2' 3.5' 109 4.2' 1.8' 3' 5.2' 49 6.2' 2.7' 4' 6.9' 27 8.5' 3.5' 5' 8.7' 18' 10.4' 4.4'					3' 3.0' 137 2.6' 1.5' 5' 5.0' 49 4.7' 3.1' 7' 7.0' 25 6.5' 4.4' 9' 9.0' 15 8.4' 5.6'				
37W MR-16 IR (FL)	40°	2050	4000	4' 128 2.9' 2.9' 6' 57 4.4' 4.4' 8' 32 5.8' 5.8' 10' 21 7.3' 7.3'				3' 1.7' 148 3.0' 2.5' 5' 2.9' 53 5.1' 4.2' 7' 4.0' 27 7.1' 5.9' 9' 5.2' 16 9.1' 7.6'					1' 1.7' 258 4.8' 1.5' 2' 3.5' 64 9.7' 2.9' 3' 5.2' 23 14.5' 4.4' 4' 6.9' 15 19.3' 5.8'					3' 3.0' 61 5.0' 3.1' 4' 4.0' 35 6.7' 4.1' 5' 5.0' 29 8.4' 5.1' 6' 6.0' 20 10.1' 6.2'				
42W MR-16 VNSP (EZV)	9°	13,100	3500	8' 205 1.3' 1.3' 12' 91 1.9' 1.9' 16' 51 2.5' 2.5' 20' 33 3.1' 3.1'				7' 4.0' 174 1.5' 1.3' 10' 5.8' 85 2.1' 1.8' 13' 7.5' 50 2.7' 2.4' 16' 9.2' 33 3.4' 2.9'					3' 5.2' 182 1.9' 0.9' 4' 6.9' 102 2.6' 1.3' 5' 8.7' 66 3.2' 1.6' 6' 10.4' 45 3.8' 1.9'					5' 5.0' 185 2.6' 1.1' 7' 7.0' 95 2.2' 1.6' 9' 9.0' 57 2.8' 2.0' 11' 11.0' 38 3.5' 2.4'				
42W MR-16 NFL (EYS)	27°	2400	4000	4' 150 1.9' 1.9' 6' 67 2.9' 2.9' 8' 38 3.8' 3.8' 10' 24 4.8' 4.8'				3' 1.7' 173 2.0' 1.7' 5' 2.9' 62 3.3' 2.8' 7' 4.0' 32 4.6' 3.9' 9' 5.2' 19 5.9' 5.0'					1' 1.7' 300 2.3' 1.0' 2' 3.5' 75 4.6' 1.9' 3' 5.2' 33 7.0' 2.9' 4' 6.9' 19 9.3' 3.6'					3' 3.0' 94 3.1' 2.0' 4' 4.0' 53 4.1' 2.7' 5' 5.0' 34 5.1' 3.4' 6' 6.0' 24 6.1' 4.1'				
50W MR-16 VNSP (EZW)	9°	18,200	3500	8' 286 1.7' 1.7' 12' 127 2.5' 2.5' 16' 71 3.3' 3.3' 20' 46 4.2' 4.2'				7' 4.0' 242 2.1' 1.8' 10' 5.8' 118 2.9' 2.5' 13' 7.5' 70 3.8' 3.3' 16' 9.2' 46 4.7' 4.1'					3' 5.2' 253 2.6' 1.3' 4' 6.9' 142 3.6' 1.8' 5' 8.7' 92 4.5' 2.2' 6' 10.4' 63 5.3' 2.7'					5' 5.0' 257 3.6' 1.5' 7' 7.0' 132 3.1' 2.2' 9' 9.0' 79 3.9' 2.8' 11' 11.0' 53 4.8' 3.4'				
50W MR-16 NSP (EXT)	14°	10,200	4000	6' 156 2.0' 2.0' 12' 71 2.8' 2.9' 15' 40 3.8' 3.9' 20' 26 4.9' 4.9'				7' 4.0' 135 2.3' 2.0' 10' 5.8' 66 3.3' 2.8' 13' 7.5' 39 4.3' 3.7' 15' 9.2' 28 5.3' 4.5'					3' 5.2' 142 3.1' 1.5' 4' 6.9' 80 4.1' 2.0' 5' 8.7' 51 5.1' 2.5' 6' 10.4' 35 6.2' 2.9'					5' 5.0' 144 2.5' 1.7' 7' 7.0' 74 3.5' 2.4' 9' 9.0' 45 4.5' 3.1' 11' 11.0' 30 5.5' 3.8'				
50W MR-16 NFL (EXZ)	27°	3400	4000	6' 94 2.9' 2.9' 8' 53 3.8' 3.8' 10' 34 4.8' 4.8' 12' 24 5.8' 5.8'				5' 2.9' 88 3.3' 2.8' 7' 4.0' 45 4.6' 3.9' 9' 5.2' 27 5.9' 5.0' 11' 6.4' 18 7.2' 6.1'					2' 3.5' 106 4.6' 1.9' 3' 5.2' 47 7.0' 2.9' 4' 6.9' 27 9.3' 3.8' 5' 8.7' 17 11.6' 4.8'					3' 3.0' 134 3.1' 2.0' 5' 5.0' 48 5.1' 3.4' 7' 7.0' 25 7.1' 4.8' 9' 9.0' 15 9.2' 6.1'				
50W MR-16 FL (EXN)	40°	1850	4000	4' 115 2.9' 2.9' 6' 51 4.4' 4.4' 8' 29 5.8' 5.8' 10' 19 7.3' 7.3'				3' 1.7' 134 3.0' 2.5' 5' 2.9' 48 5.1' 4.2' 7' 4.0' 25 7.1' 5.9' 9' 5.2' 15 9.1' 7.6'					1' 1.7' 231 4.8' 1.5' 2' 3.5' 58 9.7' 2.9' 3' 5.2' 26 14.5' 4.4' 4' 6.9' 14 19.3' 5.8'					3' 3.0' 73 5.0' 3.1' 4' 4.0' 41 6.7' 4.1' 5' 5.0' 26 8.4' 5.1' 6' 6.0' 18 10.1' 6.2'				
50W MR-16 WFL (FNV)	55°	1150	4000	3' 126 3.1' 3.1' 5' 46 5.2' 5.2' 7' 23 7.3' 7.3' 9' 14 9.4' 9.4'				3' 1.7' 83 4.6' 3.6' 5' 2.9' 30 7.6' 6.0' 7' 4.0' 15 10.7' 8.4' 9' 5.2' 9 13.7' 10.8'					1' 1.7' 144 22.3' 2.1' 2' 3.5' 36 44.5' 4.2' 3' 5.2' 16 66.8' 6.2' 4' 6.9' 9 89.1' 8.3'					2' 2.0' 102 5.7' 2.9' 3' 3.0' 45 8.6' 4.4' 4' 4.0' 25 11.4' 5.9' 5' 5.0' 16 14.3' 7.4'				
75W MR-16 SP	10°	14000	4000	8' 219 1.4' 1.4' 12' 97 2.1' 2.1' 16' 55 2.8' 2.9' 20' 35 3.5' 3.5'				7' 4.0' 186 1.6' 1.4' 10' 5.8' 91 2.3' 2.0' 13' 7.5' 54 3.0' 2.6' 16' 9.2' 36 3.7' 3.2'					3' 5.2' 194 2.1' 1.0' 4' 6.9' 109 2.9' 1.4' 5 8.7' 70 3.6' 1.7' 6 10.4' 49 4.3' 2.1'					5' 5.0' 198 1.8' 1.2' 7' 7.0' 101 2.5' 1.7' 9 9.0' 61 3.2' 2.5' 11' 11.0' 41 3.8' 2.7'				
75W MR-16 FL	36°	2500	4000	4' 156 2.5' 2.6' 6' 59 3.8' 3.9' 8' 39 5.2' 5.2' 10' 25 6.5' 6.5'				3' 1.7' 180 2.7' 2.9' 5' 2.9' 65 4.5' 3.8' 7' 4.0' 33 6.3' 5.3' 9' 5.2' 20 8.1' 6.6'					1' 1.7' 313 3.8' 1.3' 2' 3.5' 78 7.5' 2.6' 3' 5.2' 35 11.4' 3.9' 4' 6.9' 20 15.2' 5.2'					3 3.0' 98 4.4' 2.8' 4 4.0' 55 5.8' 3.7' 5 5.0' 35 7.3' 4.6' 6 6.0' 25 6.7' 5.5'				
75W MR-16 NSP (EVF)	14°	12,000	4000	8' 188 2.0' 2.0' 12' 83 2.9' 2.9' 16' 47 3.9' 3.9' 20' 30 4.9' 4.9'				7' 4.0' 159 2.3' 2.0' 10' 5.8' 78 3.3' 2.8' 13' 7.5' 40 4.3' 3.7' 16' 9.2' 30 5.3' 4.5'					3' 5.2' 167 3.1' 1.5' 4' 6.9' 94 4.1' 2.0' 5' 8.7' 60 5.1' 2.5' 6' 10.4' 42 6.2' 2.9'					5' 5.0' 170 2.5' 1.7' 7' 7.0' 87 3.5' 2.4' 9' 9.0' 52 4.5' 3.1' 11' 11.0' 35 5.5' 3.8'				
75W MR-16 NFL (EYJ)	25°	4900	4000	6' 136 2.7' 2.7' 8' 77 3.5' 3.5' 10' 49 4.4' 4.4' 12' 34 5.3' 5.3'				5' 2.9' 127 3.0' 2.6' 7' 4.0' 65 4.2' 3.6' 9' 5.2' 39 5.4' 4.6' 11' 6.4' 26 6.6' 5.6'					2' 3.5' 153 4.2' 1.8' 3' 5.2' 58 6.2' 2.7' 4' 6.9' 38 8.3' 3.5' 5' 8.7' 25 10.4' 4.4'					3' 3.0' 192 2.8' 1.9' 5' 5.0' 69 4.7' 3.1' 7' 7.0' 35 6.5' 4.4' 9' 9.0' 21 8.4' 5.6'				
75W MR-16 FL (EYC)	42°	2100	4000	4' 131 3.1' 3.1' 6' 58 4.6' 4.6' 8' 33 6.1' 6.1' 10' 21 7.7' 7.7'				3' 1.7' 152 3.2' 2.7' 5' 2.9' 55 5.4' 4.4' 7' 4.0' 28 7.5' 6.2' 9' 5.2' 17 9.7' 8.0'					1' 1.7' 263 5.5' 1.5' 2' 3.5' 36 11.0' 3.1' 3' 5.2' 25 16.5' 4.6' 4' 6.9' 16 22.0' 6.1'					3' 3.0' 62 5.4' 3.3' 4' 4.0' 48 7.2' 4.3' 5' 5.0' 30 9.0' 5.4' 6' 6.0' 21 10.8' 6.5'				

309X LytePoints 3 3/4"

Adjustable Slot

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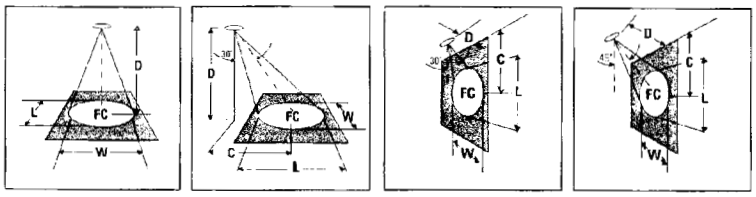

MR-16 HALOGEN LOW VOLTAGE BI-PIN LAMPS WITH ALUMINIZED (NON-DICHROIC) REFLECTORS

Lamps	Beam Spread (To 50% CBCP)	CBCP	Rated Life (Hrs.)	0° AIMING ANGLE D	FC	L	W	30° AIMING ANGLE D	C	FC	L	W	30° AIMING ANGLE D	C	FC	L	W	45° AIMING ANGLE D	C	FC	L	W
50W MR-16 NSP	11°	10,500	3500	8'	164	1.5'	1.5'	7'	4.0'	139	1.8'	1.6'	3'	5.2'	146	2.4'	1.2'	5'	5.0'	148	1.9'	1.4'
				12'	73	2.3'	2.3'	10'	5.8'	68	2.6'	2.2'	4'	6.3'	82	3.2'	1.5	7'	7.0'	76	2.7'	1.9'
				16'	41	3.1'	3.1'	13'	7.5'	40	3.3'	2.9'	5'	8.7'	53	4.0'	1.9	9'	9.0'	46	3.5'	2.5'
				20'	26	3.9'	3.9	16'	9.2'	27	4.1'	3.6'	6'	10.4'	36	4.8'	2.3	11'	11.0'	31	4.3'	3.0'
50W MR-16 NFL	25°	3000	3500	6'	83	2.7'	2.7'	5'	2.9'	78	3.0'	2.6'	2'	3.5'	94	4.2'	1.8'	3'	3.0'	118	2.8'	1.9'
				8'	47	3.5'	3.5'	7'	4.0'	40	4.2'	3.6'	3'	5.2'	42	6.2'	2.7'	5'	5.0'	42	4.7'	3.1'
				10'	30	4.4'	4.4'	9'	5.2'	24	5.4'	4.6'	4'	6.9'	23	8.3'	3.5'	7'	7.0'	22	6.5'	4.4'
				12	2:	5.3'	5.3'	11'	6.4'	16	6.6'	5.6'	5'	8.7'	15	10.4	4.4'	9'	9.0'	13	8.4'	5.6
50W MR-16 FL	40°	1900	3500	4'	115	2.9'	2.9'	3'	1.7'	137	3.0'	2.5'	1'	1.7'	238	4.8'	1.5	3'	3.0'	75	5.0'	3.1
				6'	53	4.4'	4.4'	5'	2.9'	49	5.1'	4.2'	2'	2.9'	59	9.7'	2.9	4'	4.0'	42	6.7'	4.1'
				8'	30	5.8'	5.8'	7'	4.0'	25	7.1'	5.9'	3'	4.0'	26	14.5'	4.4'	5'	5.0'	27	8.4'	5.1'
				10'	19	7.3'	7.3'	9'	5.2'	15	9.1'	7.6'	4'	5.2'	15	19.3'	5.8'	6'	6.0'	19	10.1'	6.2'

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