

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

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

Frame-In Kit

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

Labels:

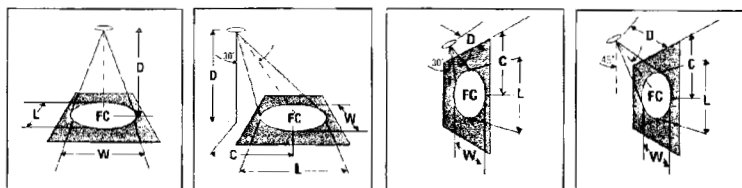
CSA , UL Suitable for damp locations.

309X LytePoints 3 3/4"

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



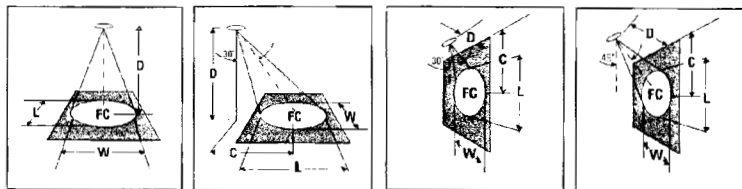
Lamps	Beam Spread (To 50% CBCP)	CECP	Rated (Ls/Hrs.)	0° AIMING ANGLE				30° AIMING ANGLE				30° AIMING ANGLE				45° AIMING ANGLE						
				D	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W
MR-16 LOW VOLTAGE HALOGEN BI-PIN LAMPS																						
20W MR-16 VNSP (LZX)	7'	8200	3000	7'	167	0.9'	0.9'	6'	3.5'	148	1.0'	0.8'	2'	5.5'	296	1.0'	0.9'	4'	4.0'	181	1.0'	0.7'
				10'	82	1.2'	1.2'	9'	5.2'	86	1.5'	1.3'	3'	5.2'	114	1.5'	0.7'	8'	6.0'	81	1.5'	1.0'
				15'	45	1.6'	1.6'	12'	6.9'	57	2.0'	1.7'	4'	6.9'	94	2.0'	1.0'	9'	8.0'	45	2.0'	1.4'
20W MR-16 NSP (ESX)	13'	3600	3000	6'	100	1.4'	1.4'	5'	2.9'	94	1.5'	1.3'	2'	2.5'	113	1.9'	0.9'	3'	3.0'	141	1.4'	1.0'
				8'	56	1.8'	1.8'	7'	4.0'	48	2.1'	1.8'	3'	5.2'	50	2.4'	1.4'	5'	5.0'	51	2.3'	1.6'
				10'	36	2.3'	2.3'	9'	5.2'	29	2.7'	2.4'	4'	6.9'	28	3.8'	1.8'	7'	7.0'	26	3.2'	2.3'
20W MR-16 FL (BAB)	40'	525	4000	2'	131	1.5'	1.5'	2'	1.2'	83	2.0'	1.7'	1'	1.7'	66	4.8'	1.6'	2'	2.0'	46	3.4'	2.1'
				3'	58	2.2'	2.2'	3'	1.7'	38	3.0'	2.5'	2'	3.5'	16	5.7'	2.9'	3'	3.0'	21	5.0'	3.1'
				4'	33	2.9'	2.9'	4'	2.3'	21	4.1'	3.4'	3'	5.2'	7	14.5'	4.4'	4'	4.0'	12	6.7'	4.1'
35W MR-16 NSP (FPB)	12'	5700	4000	5'	21	3.3'	3.3'	5'	2.9'	14	5.1'	4.2'	4'	6.9'	4	19.3'	5.8'	5'	9.0'	7	8.4'	5.1'
				7'	178	1.5'	1.5'	6'	3.5'	157	1.7'	1.5'	2'	3.5'	272	1.7'	0.8'	4'	4.0'	192	1.7'	1.2'
				10'	87	2.1'	2.1'	9'	5.2'	70	2.5'	2.2'	3'	5.2'	121	2.6'	1.3'	6'	6.0'	85	2.6'	1.8'
35W MR-16 SP (FRA)	23'	7900	4000	6'	108	2.1'	2.1'	5'	2.9'	101	2.4'	2.3'	2'	3.5'	122	3.1'	1.4'	3'	3.0'	153	2.7'	2.0'
				8'	61	2.8'	2.8'	7'	4.0'	52	3.3'	2.9'	3'	5.2'	54	4.7'	2.1'	5'	5.0'	55	3.6'	2.5'
				10'	39	3.5'	3.5'	9'	5.2'	21	4.3'	3.7'	4'	6.9'	30	6.2'	2.6'	7'	7.0'	28	5.1'	3.5'
35W MR-16 FL (FMW)	40'	1600	4000	4'	100	2.9'	2.9'	3'	1.7'	115	3.6'	2.5'	1'	1.7'	200	4.8'	1.5'	3'	3.0'	63	5.0'	3.1'
				6'	44	4.4'	4.4'	5'	2.9'	42	5.1'	4.2'	2'	3.5'	50	9.7'	2.9'	4'	4.0'	35	5.7'	4.1'
				8'	25	5.8'	5.8'	7'	4.0'	21	7.1'	5.8'	3'	5.2'	22	14.5'	4.4'	5'	5.0'	23	8.4'	5.1'
37W MR-16 IR (KSP)	10'	11500	4000	4'	180	1.4'	1.4'	7'	4.0'	152	1.6'	1.4'	3'	5.2'	180	2.1'	1.0'	5'	5.0'	103	1.8'	1.2'
				12'	80	2.1'	2.1'	10'	5.8'	75	2.3'	2.0'	4'	6.9'	90	2.9'	1.4'	7'	7.0'	83	2.5'	1.7'
				16	45	2.8'	2.8'	13'	7.5'	44	3.0'	2.8'	5'	8.7'	58	3.6'	1.7'	9'	9.0'	50	3.2'	2.2'
37W MR-16 IR (NFI)	25'	3500	4000	20	29	3.5'	3.5'	16'	9.2'	29	3.7'	3.2'	6'	10.4'	40	4.3'	2.1'	11'	11.0'	34	3.9'	2.7'
				8'	97	2.7'	2.7'	5'	2.9'	91	3.0'	2.6'	2'	3.5'	100	4.2'	1.8'	3'	3.0'	107	2.8'	1.9'
				10'	35	4.4'	4.4'	9'	5.2'	28	5.4'	4.6'	4'	6.9'	27	8.5'	3.5'	7'	7.0'	25	6.5'	4.1'
37W MR-16 IR (FL)	40'	2050	4000	12'	24	5.3'	5.3'	11'	6.4'	19	6.6'	5.6'	5'	8.7'	18'	10.4'	4.4'	9'	9.0'	15	8.4'	5.6'
				6'	57	4.4'	4.4'	5'	2.9'	53	5.1'	4.2'	2'	3.5'	64	9.7'	2.9'	4'	4.0'	45	6.7'	4.1'
				8'	32	5.8'	5.8'	7'	4.0'	27	7.1'	5.9'	3'	5.2'	23	14.5'	4.4'	5'	5.0'	29	8.4'	5.1'
42W MR-16 VNSP (LZY)	9'	13,130	3500	10'	21	7.3'	7.3'	9'	5.2'	16	9.1'	7.6'	4'	6.9'	15	19.3'	5.8'	6'	6.0'	20	10.1'	6.2'
				8'	205	1.3'	1.3'	7'	4.0'	174	1.5'	1.3'	3'	5.2'	182	1.9'	0.9'	5'	5.0'	185	1.6'	1.1'
				12'	91	1.9'	1.9'	10'	5.8'	85	2.1'	1.6'	4'	6.9'	102	2.5'	1.3'	7'	7.0'	95	2.7'	1.8'
42W MR-16 NFL (EYS)	27'	2400	4000	18'	51	2.5'	2.5'	13'	7.5'	50	2.7'	2.4'	5'	8.7'	56	3.7'	1.3'	9'	9.0'	52	2.8'	2.0'
				20'	33	3.1'	3.1'	16'	9.2'	33	3.4'	2.9'	6'	10.4'	45	3.8'	1.3'	11'	11.0'	38	3.5'	2.4'
				4'	150	1.9'	1.9'	3'	1.7'	173	2.0'	1.7'	1'	1.7'	300	2.3'	1.0'	3'	3.0'	94	3.1'	2.0'
50W MR-16 NSP (EXT)	14'	10,200	4000	6'	67	2.9'	2.9'	5'	2.9'	62	3.3'	2.8'	2'	3.5'	75	4.6'	1.9'	4'	4.0'	53	4.1'	2.7'
				8'	38	3.8'	3.8'	7'	4.0'	32	4.6'	3.9'	3'	5.2'	33	7.0'	2.9'	5'	5.0'	34	5.1'	3.4'
				10'	24	4.8'	4.8'	9'	5.2'	15	5.9'	5.0'	4'	6.9'	19	9.3'	3.6'	6'	6.0'	24	6.1'	4.1'
50W MR-16 NFL (EXZ)	27'	3400	4000	6'	156	2.0'	2.0'	7'	4.0'	135	2.3'	2.0'	3'	5.2'	142	3.1'	1.5'	5'	5.0'	144	2.5'	1.7'
				12'	71	2.9'	2.9'	10'	5.8'	96	3.3'	2.8'	4'	6.9'	80	4.1'	2.0'	7'	7.0'	74	3.5'	2.4'
				15'	40	3.6'	3.6'	13'	7.5'	39	4.3'	3.7'	5'	8.7'	51	5.1'	2.5'	9'	9.0'	45	4.5'	3.1'
50W MR-16 FL (EXN)	40'	1850	4000	23	26	4.6'	4.6'	15'	9.2'	26	5.3'	4.5'	9'	10.4'	35	6.2'	2.9'	11'	11.0'	30	5.5'	3.8'
				6'	94	2.9'	2.9'	5'	2.9'	88	3.3'	2.8'	2'	3.5'	106	4.6'	1.9'	3'	3.0'	124	3.1'	2.0'
				8'	53	3.8'	3.8'	7'	4.0'	45	4.6'	3.9'	3'	5.2'	47	7.0'	2.9'	5'	5.0'	48	5.1'	3.4'
50W MR-16 WFL (FNW)	55'	1150	4000	10'	34	4.6'	4.6'	9'	5.2'	27	5.3'	5.0'	4'	6.9'	27	9.3'	3.6'	7'	7.0'	25	7.1'	4.8'
				12'	74	5.8'	5.8'	11'	6.4'	18	7.2'	6.1'	5'	8.7'	17	11.6'	4.8'	9'	9.0'	15	9.2'	6.1'
				4'	116	2.9'	2.9'	3'	1.7'	134	3.0'	2.5'	1'	1.7'	231	4.8'	1.5'	3'	3.0'	73	5.0'	3.1'
73W MR-16 SP	10'	14030	4000	6'	51	4.4'	4.4'	5'	2.9'	48	5.1'	4.2'	2'	3.5'	58	3.7'	2.9'	4'	4.0'	41	6.7'	4.1'
				8'	28	5.8'	5.8'	7'	4.0'	25	7.1'	5.9'	3'	5.2'	26	14.5'	4.4'	5'	5.0'	26	8.4'	5.1'
				10'	19	7.3'	7.3'	9'	5.2'	15	9.1'	7.6'	4'	6.9'	14	19.3'	5.8'	6'	6.0'	18	10.1'	6.2'
73W MR-16 FL	36'	2500	4000	3'	126	3.1'	3.1'	3'	1.7'	83	4.6'	3.6'	1'	1.7'	144	22.3'	2.1'	2'	2.0'	102	5.7'	2.9'
				5'	46	5.2'	5.2'	5'	2.9'	30	7.5'	6.0'	2'	3.5'	36	44.5'	4.7'	3'	3.0'	45	8.6'	4.4'
				7'	23	7.3'	7.3'	7'	4.0'	15	10.7'	8.4'	3'	5.2'	6	66.8'	6.2'	4'	4.0'	25	11.4'	5.9'
75W MR-16 NSP (EYF)	4'	12,000	4000	9'	14	9.4'	9.4'	9'	5.2'	9	13.7'	10.8'	4'	6.9'	9	89.1'	8.3'	5'	5.0'	16	14.3'	7.4'
				8'	219	1.4'	1.4'	7'	4.0'	186	1.6'	1.4'	3'	5.2'	194	2.1'	1.0'	5'	5.0'	198	1.8'	1.2'
				12'	97	2.1'	2.1'	10'	5.8'	91	2.3'	2.0'	4'	6.9'	105	2.9'	1.4'	7'	7.0'	101	2.5'	1.7'
75W MR-16 NFL (EYJ)	25'	4500	4000	16'	55	2.8'	2.8'	13'	7.5'	54	3.0'	2.6'	5'	8.7'	70	3.6'	1.7'	9'	9.0'	61	3.2'	2.5'
				20'	35	3.5'	3.5'	16'	9.2'	36	3.7'	3.2'	6'	10.4'	48	4.3'	2.1'	11'	11.0'	41	3.8'	2.7'
				4'	156	2.5'	2.5'	3'	1.7'	180	2.7'	2.3'	1'	1.7'	313	3.8'	1.3'	3'	3.0'	98	4.4'	2.8'
75W MR-16 FL (EYK)	42'	2100	4000	6'	99	3.8'	3.8'	5'	2.9'	65	4.5'	3.8'	2'	3.5'	78	7.5'	2.6'	4'	4.0'	95	5.8'	3.7'
				8'	39	5.2'	5.2'	7'	4.0'	33	6.3'	5.3'	3'	5.2'	35	11.4'	3.9'	5'	5.0'	35	7.3'	4.6'
				10'	25	6.5'	6.5'	9'	5.2'	20	8.1'	6.6'	4'	6.9'	20	15.2'	5.2'	6'	6.0'	25	6.7'	5.5'
75W MR-16 NFL (EYL)	25'	4500	4000	8'	188	2.0'	2.0'	7'	4.0'	159	2.3'	2.0'	3'	5.2'	167	3.1'	1.5'	5'	5.0'	170	2.5'	1.7'
				12'	83	2.9'	2.9'	10'	5.8'	76	3.3'	2.8'	4'	6.9'	94	4.1'	2.0'	7'	7.0'	87	3.5'	2.4'
				16'	4																	

309X LytePoints 3 3/4"

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)	DECP	Rated Lbs (Hrs.)	0° AIMING ANGLE				30° AIMING ANGLE				30° AIMING ANGLE				45° AIMING ANGLE						
				D	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W
MR-16 HALOGEN LOW VOLTAGE BI-PIN LAMPS WITH ALUMINIZED (NON-DICHROIC) REFLECTORS																						
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'	34	4.0'	1.9'	9'	9.0'	46	3.5'	2.5
50W MR-16 NFL	25°	3000	3500	6'	63	2.7'	2.7'	5'	2.9'	78	3.0'	2.6'	2'	3.5'	94	4.2'	1.8'	3'	3.0'	116	2.8'	1.9
				8'	47	3.5'	3.5'	7'	4.0'	40	4.2'	3.8'	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
50W MR-16 FL	40°	1900	3500	4'	115	2.9'	2.9'	3'	1.7'	137	3.0'	2.5'	1'	1.7'	236	4.8'	1.5'	2'	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'	39	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'	3.2'	15	9.1'	7.6'	4'	5.2'	15	19.3'	5.8'	6'	6.0'	19	10.1'	6.2

