

Ceiling Cutout:

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

Reflector Trim		Frame-In Kit	Lamp
413BKX	Black Paint	Remodeler 400MRX	75W MR16
413MTX	Metal Paint	Remodeler 3401MREX	50W MR16
413SBX	Satin Brass Plated	Non-IC 402MRX	75W MR16
413STX	Stainless Steel Plated	Non-IC 402MREX	75W MR16
413WHX	White Paint	IC 402MRIC9X	50W MR16
		Non-IC 602MR	75W MR16
		Non-IC 603MR	75W MR16
		Non-IC 604MR	75W MR16
		Non-IC 604SQMR	75W MR16

Features

- Housing:** 25ga. galvanized steel.
- Residence Mounting Clip:** Factory-installed ; zinc plated spring steel ;free-hand installation.
- Flange Housing:** Cold rolled steel 22ga.
- Adjustable Lampholder Support:** 27ga. steel ; Rotates 358° horizontally and 0° to 30° 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 400 frame specification sheets.

Labels

CSA, UL (Suitable for damp Locations)

Accessories

Square Face Plate

- 400SQBK Black
- 400SQWH White

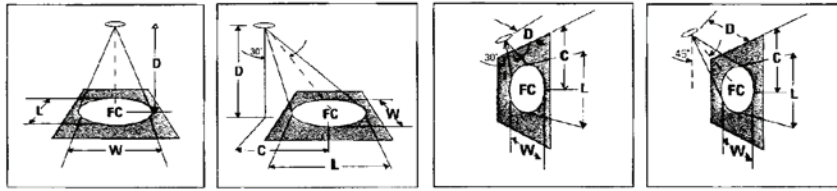
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Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	



(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				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 (EZK)	7°	8200	3000	7' 167	0.9'	0.9'		6' 3.5'	148	1.0'	0.8'	2' 3.5'	256	1.0'	0.5'	4' 4.0'	181	1.0'	0.7'			
				10'	82	1.2'	1.2'	9' 5.2'	66	1.5'	1.3'	3' 5.2'	114	1.5'	0.7'	6' 6.0'	81	1.5'	1.0'			
				13'	49	1.6'	1.6'	12' 6.9'	37	2.0'	1.7'	4' 6.9'	84	2.0'	1.0'	8' 8.0'	45	2.0'	1.4'			
20W MR-16 NSP (ESX)	13°	3600	3000	7' 100	1.4'	1.4'		5' 2.9'	94	1.5'	1.3'	2' 3.5'	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	2.8'	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'	1.6'	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'	85	2.0'	1.7'	1' 1.7'	66	4.8'	1.5'	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	6.7'	2.8'	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 (FRB)	12°	9700	4000	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'	7' 4.0'	70	2.5'	2.2'	3' 5.2'	121	2.6'	1.3'	6' 6.0'	85	2.6'	1.8'			
				13'	51	2.7'	2.7'	12' 6.9'	39	3.4'	2.9'	4' 6.9'	68	3.5'	1.7'	8' 8.0'	48	3.4'	2.4'			
35W MR-16 SP (FRA)	20°	3900	4000	6' 108	2.1'	2.1'		5' 2.9'	101	2.4'	2.0'	2' 3.5'	122	3.1'	1.4'	3' 5.0'	153	2.7'	1.5'			
				8'	61	2.8'	2.8'	7' 4.0'	52	3.2'	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'	31	4.3'	3.7'	4' 6.9'	30	6.2'	2.8'	7' 7.0'	28	5.1'	3.5'			
35W MR-16 FL (FMV)	40°	1600	4000	4' 100	2.9'	2.9'		3' 1.7'	116	3.0'	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	6.7'	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 (NSP)	10°	11500	4000	6' 180	1.4'	1.4'		7' 4.0'	152	1.6'	1.4'	3' 5.2'	160	2.1'	1.0'	5' 5.0'	183	1.8'	1.2'			
				12'	80	2.1'	2.1'	10' 5.8'	75	2.5'	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'	56	3.6'	1.7'	9' 9.0'	50	3.2'	2.2'			
37W MR-16 IR (NFL)	25°	3500	4000	8' 97	2.7'	2.7'		5' 2.9'	91	3.0'	2.6'	2' 3.5'	109	4.2'	1.8'	3' 3.0'	137	2.8'	1.9'			
				10'	55	3.5'	3.5'	7' 4.0'	46	4.2'	3.6'	3' 5.2'	49	6.2'	2.7'	5' 5.0'	49	4.7'	3.1'			
				12'	35	4.4'	4.4'	9' 5.2'	28	5.4'	4.6'	4' 6.9'	27	8.3'	3.5'	7' 7.0'	25	6.5'	4.4'			
37W MR-16 IR (FL)	40°	2050	4000	4' 128	2.8'	2.9'		3' 1.7'	148	3.0'	2.5'	1' 1.7'	258	4.8'	1.5'	3' 3.0'	61	5.0'	3.1'			
				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'	28	14.5'	4.4'	5' 5.0'	26	8.4'	5.1'			
42W MR-16 VNSP (EZY)	9°	13,100	3500	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'	1.8'	4' 6.9'	102	2.5'	1.3'	7' 7.0'	95	2.2'	1.6'			
				16'	51	2.5'	2.5'	13' 7.5'	50	2.7'	2.4'	5' 8.7'	66	3.2'	1.6'	9' 9.0'	57	2.8'	2.0'			
42W MR-16 NFL (EYS)	27°	2400	4000	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'			
				6'	67	2.9'	2.9'	5' 2.9'	62	3.2'	2.8'	2' 3.5'	75	4.8'	1.9'	4' 4.0'	53	4.1'	2.7'			
				8'	38	3.9'	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'			
50W MR-16 NSP (EXT)	14°	10,200	4000	8' 159	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	2.8'	2.9'	10' 5.8'	86	3.3'	2.8'	4' 6.9'	80	4.1'	2.0'	7' 7.0'	74	3.5'	2.4'			
				15'	40	3.8'	3.9'	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 NFL (EXZ)	27°	3400	4000	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'	134	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'			
				10'	34	4.8'	4.8'	9' 5.2'	27	5.9'	5.0'	4' 6.9'	27	9.3'	3.6'	7' 7.0'	25	7.1'	4.8'			
50W MR-16 FL (EXN)	40°	1850	4000	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'			
				6'	51	4.4'	4.4'	5' 2.9'	48	5.1'	4.2'	2' 3.5'	58	6.2'	2.3'	4' 4.0'	51	6.7'	4.1'			
				8'	26	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'			
50W MR-16 WFL (FRV)	55°	1150	4000	3' 128	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	7.6'	6.0'	2' 3.5'	36	44.5'	4.2'	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'	16	66.8'	6.2'	4' 4.0'	25	11.4'	5.9'			
73W MR-16 SP	10°	14000	4000	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'	109	2.9'	1.4'	7' 7.0'	101	2.5'	1.7'			
				16'	55	2.8'	2.9'	13' 7.5'	54	3.0'	2.6'	5' 8.7'	70	3.6'	1.7'	9' 9.0'	61	3.2'	2.5'			
73W MR-16 FL	36°	2500	4000	4' 156	2.5'	2.5'		3' 1.7'	160	2.7'	2.3'	1' 1.7'	313	3.8'	1.3'	3' 3.0'	98	4.4'	2.8'			
				6'	59	3.8'	3.8'	5' 2.9'	65	4.5'	3.8'	2' 3.5'	79	7.5'	2.6'	4' 4.0'	55	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'			
75W MR-16 NSP (FVF)	14°	12,000	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'	78	3.3'	2.8'	4' 6.9'	94	4.1'	2.0'	7' 7.0'	84	3.5'	2.4'			
				16'	47	3.9'	3.9'	13' 7.5'	40	4.3'	3.7'	5' 8.7'	60	5.1'	2.5'	9' 9.0'	52	4.5'	3.1'			
75W MR-16 NFL (EYJ)	25°	4900	4000	6' 136	2.7'	2.7'		5' 2.9'	127	3.0'	2.6'	2' 3.5'	153	4.2'	1.8'	3' 3.0'	192	2.8'	1.9'			
				8'	77	3.5'	3.5'	7' 4.0'	65	4.2'	3.6'	3' 5.2'	68	6.2'	2.7'	5' 5.0'	69	4.7'	3.1'			
				10'	49	4.4'	4.4'	9' 5.2'	39	5.4'	4.6'	4' 6.9'	38	8.3'	3.5'	7' 7.0'	35	6.5'	4.4'			
75W MR-16 FL (EYC)	42°	2100	4000	4' 131	3.1'	3.1'		3' 1.7'	152	3.2'	2.7'	1' 1.7'	263	5.5'	1.5'	3' 3.0'	62	5.4'	3.3'			
				6'	58	4.6'	4.6'	5' 2.9'	55	5.4'	4.4'	2' 3.5'	66	11.0'	3.1'	4' 4.0'	48	7.2'	4.3'			
				8'	33	6.1'	6.1'	7' 4.0'	28	7.5'	6.2'	3' 5.2'	29	16.5'	4.6'	5' 5.0'	30	9.0'	5.4'			
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'								