

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

Reflector Trim		Frame-In Kit		Lamp
478GKX	24k Gold Plated	Remodeler	400MRX	75W MR16
478STX	Stainless Steel Plated	Remodeler	3401MREX	50W MR16
478WHX	White Paint	Non-IC	402MRX	75W MR16
478BKX	Black Paint	Non-IC	402MREX	75W MR16
		IC	402MRIC9X	50W MR16

Features

- 1. Flange:** Die-cast aluminum .070" (2mm) thick.
- 2. Elbow Housing:** Die-Cast aluminum; provides 358° horizontal rotation and 0° to 85° vertical adjustment. Retracts to provide fully recessed downlight.
- 3. Mounting Clips (2):** 24ga. spring steel, zinc plated. Provide easy snap-in/snap-out action.
- 4. Lamp Guard:** 1 3/4 (45mm) dia. borosilicate glass.

Frame-In Kit

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

Accessories

- 0088SY Symmetric Prismatic Spread Lens (55°)
- 0088AS Symmetric Beam Elongator

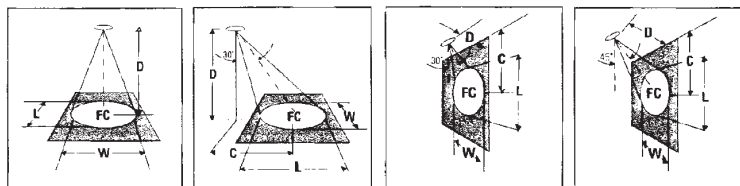
Labels

CSA, UL Suitable for damp locations.

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

(FC) is initial footcandle 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 (Lts @ 4ft)	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' 3.5'	258	1.0	0.5'	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'	6' 6.0'	81	1.5	1.0'				
				12' 49	1.6'	1.6'		12' 6.9'	37	2.0'	1.7'	4' 6.9'	54	2.0	1.0'	8' 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' 3.5'	113	1.3'	0.9'	3' 3.0'	141	1.4'	1.0'				
				8' 36	1.8'	1.8'		7' 4.0'	49	2.1'	1.8'	3' 5.2'	50	2.4'	1.4'	5' 5.0'	51	2.3'	1.6'				
				10' 25	2.7'	2.7'		9' 5.2'	23	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'	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	5.7'	2.9'	3' 3.0'	21	5.0'	3.1'				
				4' 33	2.9'	2.9'		4' 2.9'	37	4.1'	3.4'	3' 5.2'	7	14.5'	4.4'	4' 4.0'	12	6.7'	4.1'				
26W MR-16 NSP (HPB)	12°	8700	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'		9' 5.2'	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'	63	3.5'	1.7'	8' 8.0'	48	3.4'	2.4'				
35W MR-16 SP (FRA)	23°	7900	4000	6' 108	2.1'	2.1'		5' 2.9'	101	2.4'	2.0'	2' 3.5'	122	3.1'	1.4'	3' 3.0'	153	2.2'	1.5'				
				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'	31	4.3'	3.7'	4' 6.9'	36	6.2'	2.8'	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'	2' 2.0'	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 (KSP)	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	2.3'	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'	8' 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'	102	4.2'	1.8'	3' 3.0'	137	2.6'	1.8'				
				10' 35	4.4'	4.4'		7' 4.0'	48	4.2'	3.8'	3' 5.2'	49	6.2'	2.7'	5' 5.0'	49	4.7'	3.1'				
				12' 24	5.3'	5.3'		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	2.9'	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'	23	14.5'	4.4'	5' 5.0'	29	8.4'	5.1'				
42W MR-16 VNSP (EZY)	9°	13,100	3500	10' 21	7.3'	7.3'		9' 5.2'	15	9.1'	7.9'	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'	189	1.6'	1.1'				
				12' 91	1.9'	1.9'		10' 5.8'	85	2.1'	1.8'	4' 6.9'	102	2.5'	1.2'	7' 7.0'	95	2.2'	1.5'				
42W MR-16 NFL (EYS)	27°	2400	4000	12' 30	3.1'	3.1'		13' 7.5'	50	2.7'	2.4'	5' 8.7'	66	3.2'	1.6'	9' 9.0'	57	2.8'	2.0'				
				8' 67	2.9'	2.9'		5' 2.9'	62	3.3'	2.8'	3' 5.2'	33	7.0'	2.9'	5' 5.0'	34	5.1'	3.4'				
				10' 38	3.8'	3.8'		7' 4.0'	32	4.6'	3.9'	4' 6.9'	19	9.2'	3.6'	6' 6.0'	24	6.1'	4.1'				
50W MR-16 NSP (LXT)	14°	10,200	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	2.8'	2.8'		10' 5.8'	66	3.3'	2.8'	4' 6.9'	80	4.1'	2.0'	7' 7.0'	74	3.5'	2.4'				
				15' 40	3.8'	3.8'		13' 7.5'	38	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	9.7'	2.9'	4' 4.0'	41	6.7'	4.1'				
				8' 26	5.8'	5.8'		7' 4.0'	25	7.1'	5.9'	3' 5.2'	28	14.5'	4.4'	5' 5.0'	26	8.4'	5.1'				
50W MR-16 WFL (FNW)	55°	1150	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	7.6'	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	12' 97	2.1'	2.1'		10' 5.8'	51	2.3'	2.0'	3' 5.2'	194	2.1'	1.3'	5' 5.0'	198	1.8'	1.2'				
				16' 55	2.8'	2.8'		12' 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' 8.7'	36	3.7'	3.2'	6' 10.4'	49	4.3'	2.1'	11' 11.0'	41	3.8'	2.7'				
73W MR-16 FL	36°	2500	4000	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'				
				6' 39	3.8'	3.8'		5' 2.9'	65	4.5'	3.8'	2' 3.5'	78	7.5'	2.6'	4' 4.0'	55	5.8'	3.7'				
				8' 25	5.2'	5.2'		7' 4.0'	33	6.3'	5.3'	3' 5.2'	35	11.4'	3.9'	5' 5.0'	36	7.3'	4.6'				
75W MR-16 NSP (EYF)	14°	12,000	4000	6' 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	2.8'	2.8'		10' 5.8'	78	3.3'	2.8'	4' 6.9'	94	4.1'	2.0'	7' 7.0'	87	3.5'	2.4'				
				16' 47	3.8'	3.8'		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'	65	4.7'	3.1'				
				10' 49	4.4'	4.4'		9' 5.2'	35	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' 33	6.1'	6.1'		5' 2.9'	55	5.4'	4.4'	2' 3.5'	66	11.0'	3.1'	4' 4.0'	46	7.2'	4.3'				
				10' 21	7.7'	7.7'		7' 4.0'	28	7.5'	6.2'	3' 5.2'	25	16.5'	4.6'	5' 5.0'	30	9.0'	5.4'				

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

50W MR-16 NSP	11°	10,500	3500	8' 164	1.5'	1.5'		7' 4.0'
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