

**Ceiling Cutout:**

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

Reflector Trim		Frame-In Kit		Lamp
<b>385BKX</b>	Black phenolic step baffle and white flange	<b>Remodeler</b>	<b>300MRX/300MRSPX</b>	50W MR16
<b>385WHX</b>	White phenolic step baffle and white flange	<b>Remodeler</b>	<b>3401MREX</b>	50W MR16
		<b>Remodeler</b>	<b>300ESX</b>	50W ES/ESD16
		<b>Non-IC</b>	<b>302MRX/302MRSPX</b>	50W MR16
		<b>Non-IC</b>	<b>302MREX</b>	50W MR16
		<b>Non-IC</b>	<b>302ESX</b>	50W ES/ESD16
		<b>IC</b>	<b>302MRIC9X/302MRIC9SPX</b>	50W MR16
		<b>IC</b>	<b>302ESICX</b>	50W ES/ESD16
		<b>Air Seal / IC</b>	<b>302MRAICX/302MRAICSPX</b>	50W MR16
		<b>Air Seal / IC</b>	<b>302MRAICEX</b>	50W MR16
		<b>Air Seal / IC</b>	<b>302ESAICX</b>	50W ES/ESD16

**Features**

- Housing:** 25ga. galvanized steel.
- Residence Mounting Clip:** Factory-installed; zinc plated spring steel ;free-hand installation.
- Flange:** Die-cast aluminum .060" (1.5mm) thick; white finish.
- Step Baffle:** Molded phenolic. Available in molded black or white.
- Adjustable Lampholder Support:** 27ga. steel ; Rotates 358° horizontally and 0° to 45° vertically.
- Mounting Clips (2):** 24ga. Spring steel, zinc plated. Provides easy snap-in /snap-out action.
- Lamp Guard:** 1 3/4" (45mm) 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)

**Accessories**

**Square Face Plate**

- 300SQBK** Black
- 300SQWH** White

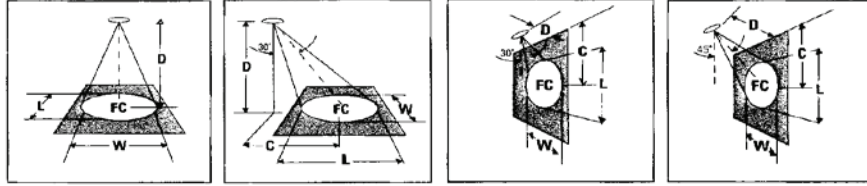
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Job Information	Type:
<b>Job Name:</b>	
<b>Cat. No.:</b>	
<b>Lamp(s):</b>	
<b>Notes:</b>	



(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
<b>MR-16 LOW VOLTAGE HALOGEN BI-PIN LAMPS</b>																					
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'	5' 6.0'	81	1.5'	1.0'		
				13' 49	1.6'	1.6'		12' 6.9'	37	2.0'	1.7'	4' 6.9'	64	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	1.9'	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'	1.8'		
				10' 36	2.3'	2.3'		9' 5.7'	23	2.4'	2.4'	4' 6.9'	28	3.8'	1.8'	7' 7.0'	28	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	9.7'	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 (FRB)	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'		
				12' 51	2.7'	2.7'		12' 6.9'	38	3.1'	2.9'	4' 6.9'	60	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' 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'	30	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'	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'	23	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	1.8'	1.4'	3' 5.2'	160	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 (NFL)	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'	109	4.2'	1.8'	3' 3.0'	137	2.8'	1.9'		
				8' 55	3.5'	3.5'		9' 4.0'	46	4.2'	3.8'	3' 5.2'	49	6.2'	3.1'	5' 5.0'	49	4.7'	3.1'		
37W MR-16 IR (FL)	40°	2050	4000	10' 35	4.4'	4.4'		7' 5.2'	28	5.4'	4.6'	4' 6.9'	27	6.3'	3.5'	7' 7.0'	25	6.5'	4.4'		
				12' 24	5.3'	5.3'		11' 6.4'	19	6.8'	5.6'	5' 8.7'	18'	10.4'	4.4'	9' 9.0'	15	8.4'	5.6'		
				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'		
42W MR-16 VNSP (EZV)	9°	13,100	3500	8' 205	1.3'	1.3'		7' 4.0'	174	1.8'	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'	1.5'	9' 9.0'	57	2.8'	2.0'		
42W MR-16 NFL (EYS)	27°	2400	4000	20' 33	3.1'	3.1'		16' 9.2'	33	3.4'	2.9'	6' 10.4'	45	3.8'	1.9'	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'	64	3.1'	2.0'		
				6' 67	2.9'	2.9'		5' 2.9'	62	3.1'	2.8'	2' 3.5'	75	4.8'	1.5'	4' 4.0'	53	4.1'	2.7'		
50W MR-16 NSP (EXT)	14°	10,700	4000	8' 38	3.8'	3.8'		7' 4.0'	32	4.8'	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'	18	5.9'	5.0'	4' 6.9'	19	9.3'	3.0'	6' 6.0'	24	6.1'	4.1'		
				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'		
50W MR-16 NFL (EXZ)	27°	3400	4000	12' 71	2.9'	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'		
				18' 40	3.8'	3.8'		13' 7.5'	39	4.3'	3.7'	5' 8.7'	51	5.1'	2.5'	9' 9.0'	45	4.5'	3.1'		
				20' 26	4.9'	4.9'		15' 9.2'	28	5.3'	4.5'	6' 10.4'	35	6.2'	2.9'	11' 11.0'	30	5.5'	3.8'		
50W MR-16 FL (EXN)	40°	1850	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'	3.8'	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	5.3'	4.5'	4' 6.9'	27	9.3'	3.6'	7' 7.0'	25	7.1'	4.8'		
50W MR-16 WFL (FRV)	55°	1150	4000	12' 24	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'		
				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'		
73W MR-16 SP	10°	14000	4000	8' 29	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'		
				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'		
73W MR-16 FL	36°	2500	4000	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	68.8'	6.2'	4' 4.0'	25	11.4'	5.9'		
				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'		
75W MR-16 NSP (FVY)	14°	12,000	4000	8' 219	1.4'	1.4'		7' 4.0'	196	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'	2.8'		13' 7.5'	54	3.0'	2.6'	5' 8.7'	70	3.6'	1.7'	9' 9.0'	61	3.2'	2.5'		
75W MR-16 NFL (EYJ)	25°	4900	4000	20' 35	3.5'	3.5'		16' 8.2'	36	3.7'	3.2'	6' 10.4'	49	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'		
				6' 59	3.8'	3.8'		5' 2.9'	85	4.5'	3.8'	2' 3.5'	78	7.5'	2.6'	4' 4.0'	55	5.8'	3.7'		
75W MR-16 FL (EYC)	42°	2100	4000	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'	6.9'	4' 6.9'	20	15.2'	5.2'	6' 6.0'	26	6.7'	5.5'		
				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'		
75W MR-16 FL (EYK)	42°	2100	4000	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'	87	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'		
				20' 30	4.9'	4.9'		16' 9.2'	30	5.3'	4.5'	6' 10.4'	42	6.2'	2.9'	11' 11.0'	35	5.5'	3.8'		
75W MR-16 NFL (EYL)	25°	4900	4000	6' 156	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'	85	4.2'	3.6'	3' 5.2'	88	6.2'	2.7'	5' 5.0'	89	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'		
50W MR-16 NSP	11°	10,500	3500	12' 34	5.3'	5.3'		11' 6.4'	26	6.6'	5.8'	5' 8.7'	25	10.4'	4.4'	9' 9.0'	21	8.4'	5.6'		
				4' 131	3.1'	3.1'		3' 1.7'	152	3.2'	2.7'	1' 1.7'	283	5.9'	1.5'	3' 3.0'	62	5.4'	3.3'		
				6' 58	4.6'	4.6'		5' 2.9'	36	5.4'	4.4'	2' 3.5'	66	11.0'	3.1'	4' 4.0'	48	7.2'	4.3'		
50W MR-16 NFL	25°	3000	3500	8' 33	8.1'	8.1'		7' 4.0'	28	7.5'	6.2'	3' 5.2'	26	16.5'	4.6'	5' 5.0'	30	9.0'	5.4'		
				10' 21	7.7'	7.7'															