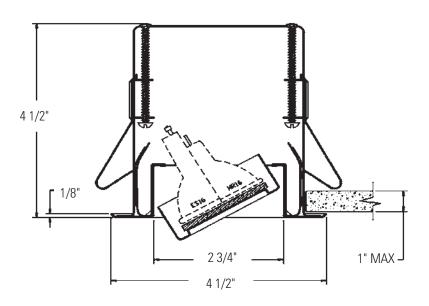
3 3/4" (95mm) Aperture Deep Residence MR16

Page 1 of 2



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

Reflector	Trim	Frame-In I	Kit	Lamp		
313ABX	Antique Brass Plated	Remodeler	300MRX	50W MR16		
313ALX	Aluminum Paint	Remodeler	3401MREX	50W MR16		
313BKX	Black Paint	Remodeler	303MRE	37W MR16		
313CMX	Chrome Plated	Non-IC	302MRX	50W MR16		
313GKX	24k Gold Plated	Non-IC	302MREX	50W MR16		
313SBX	Satin Brass Plated	IC	302MRIC7X	50W MR16		
313STX	Stainless Steel Plated	IC	302MRIC9X	50W MR16		
313WHX	White Paint	Air Seal / IC	302MRAICX	50W MR16		

Features

- 1. Housing: 25ga. galvanized steel.
- Residence Mounting Clip: Factory-installed; zinc plated spring steel; freehand installation. (patent # 2,184, 149)
- 3. 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.
- 6. Lamp Guard: 2" (51mm) dia. borosilicate glass.

Frame-In Kit

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

Accessories

Square Face Plate 300SQWH White 300SQBK Black

Labels:

CSA , UL (Suitable for damp locations.)

Type:

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Page 2 of 2

3 3/4" (95mm) Aperture Deep Residence MR16

(FC) is initial footcandles at center of beem. 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.

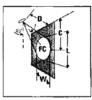
(C) is distance to the center of the beam.

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









			L			l							
				0° AIM	ING ANGLE	30° Al	MING	ANGLE	30° AIMIN	G ANGLE	45° A	MING A	ANGLE
Lamps	Beam Spread	CBCP	Rated	D FC	L W	D C	FC	L W	D C FC	L W	D C	FC	L W
MP-16 LOW	(To 50% CBCP) VOLTAGE HA	N OGEN R	Life (Hrs.)										
mn-10 E017	1	LOGEN D		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
20W MR-16	A	8200	3000	10' 82 13' 49	1.2' 1.2' 1.6' 1.6'	9' 5.2' 12' 6.9'	66 37	1.5° 1.3° 2.0° 1.7°	3' 5.2' 114 4' 6.9' 64	1.5° 0.7° 2.0° 1.0°	6° 6.0° 8° 8.0°	81 45	1.5 1.0° 2.0 1.4°
VNSP (EZX)	7*			16' 32	2.0' 2.0'	15′ 8.7′	24	2.3' 2.1'	5' 8.7' 41 2' 3.5' 113	2.5' 1.2'	10° 10.0°	29	2.5 1.7° 1.4° 1.0°
\triangle	٨	3600	3000	6' 100 8' 56	1.4' 1.4' 1.8' 1.8'	5 2.9 7 4.0	94 48	1.5' 1.3' 2.1' 1.8'	3' 5.2' 50 4' 6.9' 28	2.8' 1.4'	5' 5.0 7' 7.0'	51 26	2.3° 1.6° 3.2° 2.3°
20VV MR-16 NSP (ESX)	13*	5000	3003	10' 36 12' 25	2.3° 2.3° 2.7° 2.7°	9' 5.2' 11' 6.4'	29 19	2.7' 2.4' 3.4' 2.9'	5' 8.7' 18	4.7' 2.3'	9, 9.0	16	4.2" 2.9"
\triangle	Λ			2° 131 3° 58	1.5' 1.5' 2.2' 2.2'	2' 1.2' 3' 1.7'	85 38	2.0' 1.7' 3.0' 2.5'	1' 1.7' 66 2' 3.5' 16	4.8' 1.5' 9.7' 2.9'	3° 3.0°	46 21	3.4° 2.1° 5.0° 3.1°
20W MR-18 FL (BAB)	40.	525	4000	4′ 33 5′ 21	2.9' 2.9' 3.6' 3.6'	4' 2.3' 5' 2.9'	21	4.1' 3.4' 5.1' 4.2'	3' 5.2' 7 4' 6.9' 4	14.5° 4.4° 19.3° 5.8°	4' 4.0' 5' 5.0'	12 7	6.7' 4.1' 8.4' 5.1'
12(0/0)				7' 178	1.5' 1.5'	6′ 3.5′	157	1.7' 1.5'	2 35 27	1.7' 0.8'	4' 4.0'	192	1.7' 1.2'
35W MR-16	Λ	8700	4000	10' 87 13' 51	2.1' 2.1' 2.7' 2.7'	9' 5.2' 12' 6.9'	70 39	2.5' 2.2' 3.4' 2.9'	3' 5.2' 12' 4' 6.9' 68	3.5' 1.7'	8, 8°0, 9, 6°0,	85 48	2.6' 1.8' 3.4' 2.4'
NSP (FRB)	12'			16' 34 6' 108	3.4' 3.4' 2.1' 2.1'	5 29	25 101	4.2' 3.6' 2.4' 2.0'	5' 6.7' 44 2' 3.5' 12		10' 10.0' 3' 3.0'	153	4.3' 3.0' 2.2' 1.5'
35W MR-16	Λ	3900	4000	8' 61 10' 39	2.8' 2.8' 3.5' 3.5'	7' 4.0' 9' 5.2'	52 31	3.3° 2.9° 4.3° 3.7°	3' 5.2' 54 4' 6.9' 30	4.7' 2.1'	5° 5.0° 7° 7.0°	55 28	3.6' 2.5' 5.1' 3.5'
SP (FRA)	20°			12' 27	4.2' 4.2'	11' 6.4'	21	5.2' 4.5'	5' 8.7' 20		9' 9.0'	17	6.6' 4.5'
\triangle	\wedge	7600	4000	4' 100 5' 44	2.9° 2.9° 4.4° 4.4°	3 1.7 5 2.9	115 42	3.0° 2.5° 5.1° 4.2°	1' 1.7' 200 2' 3.5' 50	9.7' 2.9'	3' 3.0' 4' 4.0'	63 35	5.0' 3.1' 6.7' 4.1'
35W MR-16 FL (FMW)	40"	reco	4000	8° 25 10° 16	5.8' 5.8' 7.3' 7.3'	7' 4.0' 9' 5.2'	21 13	7.1' 5.8' 9.1' 7.6'	3' 5.2' 22 4' 6.9' 13		5′ 5.0′ 6′ 6.0′	23 16	8.4' 5.1' 10.1' 6.2'
\triangle	٨			6' 180 12' 80	1.4' 1.4' 2.1' 2.1'	7' 4.0' 10' 5.8'	152 75	1.6' 1.4' 2.3' 2.0'	3' 5.2' 160 4' 6.9' 90'	2.1' 1.0'	5° 5.0°	163 83	1.8' 1.2' 2.5' 1.7'
37W MR-16 IR (NSP)	, 10°	11500	4000	16' 45 20 29	2.8' 2.8' 3.5' 3.5'	13' 7.5' 16' 9.2'	44 29	3.0° 2.8° 3.7° 3.2°	5' 8.7' 58 6' 10.4' 40	3.6' 1.7' 4.3' 2.1'	9' 9.0' 11' 11.0'	50	3.2 2.2 3.9 2.7
				6' 97	2.7" 2.7"	5' 2.9'	91	3.0' 2.6'	2' 3.5' 105	4.2' 1.8'	3, 30,	137	2.8' 1.9'
37W MR-16	Λ	3500	4000	8' 55 10' 35	3.5' 3.5' 4.4' 4.4'	7' 4.0' 9 5.2'	46 28	4.2' 3.6' 5.4' 4.6'	3' 5.2' 49 4' 6.9' 27	8.3' 3.5'	5° 5.0°	49 25	4.7' 3.1' 6.5' 4.4'
IR (NFL)	25*			12° 24 4° 128	5.3° 5.3° 2.9° 2.9°	3' 1.7'	19	3.0' 2.5'	1' 1.7' 251		3. 3.0.	61	8.4' 5.6' 5.0' 3.1'
37W MR-16	Λ	2050	4000	6' 57	4.4' 4.4'	5' 2.9' 7' 4.0'	53 27	5.1' 4.2' 7.1' 5.9'	2° 3.5° 64 3° 5.2° 28	9.7" 2.9"	4 4.0° 5 5.0°	45 29	6.7 4.1 8.4 5.1
IR (FL)	40°			10' 21	7.3' 7.3' 7.3' 7.3'	9' 5.2'	16	9.1' 7.6'_	4' 6.9' 16	19.3' 5.8'	6' 6.0'	20	10.1' 6.2'
	1	40.100	~~~	8' 205 12' 91	1.3' 1.3' 1.9' 1.9'	7' 4.0 10' 5.8'	174 85	1.5' 1.3' 2.1' 1.8'	3' 5.2' 18 4' 6.9' 10	2 2.6' 1.3'	5° 5.0° 7° 7.0	185 95	1.6' 1.1' 2.2' 1.6'
42W MR-16 VNSP (EZY)	a. U	13,100	3500	16° 51 20° 33	2.5' 2.5' 3.1' 3.1'	13' 7.5' 16' 9.2'	50 33	2.7' 2.4' 3.4' 2.9'	5' 8.7' 66 6' 10.4 45		9° 9.0° 11′ 11.0	57 38	2.8' 2.0' 3.5' 2.4'
	Λ			4' 150 6' 67	1.9' 1.9' 2.9' 2.9'	3' 1.7' 5' 2.9'	173 62	2.0° 1.7° 3.3° 2.8°	1' 1.7' 30 2' 3.5' 7		3' 3.0 4' 4.0'	94 53	3.1' 2.0' 4.1' 2.7'
42W MR-16	/ \ 27*	2400	4000	8' 38 10' 24	3.8° 3.8° 4.8° 4.8°	7 4.0 9 5.2	32 19	4.6° 3.9° 5.9° 5.0°	3' 5.2' 3' 4' 6.9' 11	3 7.0' 2.9'	5' 5.0' 6' 6.0'	34 24	5.1' 3.4' 6.1' 4.1'
NFL (EYS)				8' 159	2.0' 2.0'	7 4.0	135	2.3 2.0	3' 5.2' 14	2 3.1′ 1.5′	5' 5.0'	144	2.5' 1.7'
50W MR-16	Λ	10,200	4000	12° 71 16° 40	2.9' 2.9' 3.8' 3.9'	10° 5.8° 13° 7.5°	66 39	3.3° 2.8° 4.3° 3.7°	4° 6.9' 80 5' 8.7' 5'	5.1' 2.5'	7' 7.0' S' 9.0'	74 45	3.5' 2.4' 4.5' 3.1'
NSP (EXT)	14'			20° 26	4.9' 4.9' 2.9' 2.9'	15° 9.2° 5° 2.9°	28	5.3' 4.5' 3.3' 2.8'	6' 10.4' 35 2' 3.5' 10		3' 3.0'	134	3.1' 2.0'
50W MR-16	Λ	3400	4000	8' 53 10' 34	3.8' 3.8' 4.8' 4.8'	7' 4.0' 9' 5.2'	45 27	4.6' 3.9' 5.9' 5.0'	3' 5.2' 4' 4' 6.9' 2'		5′ 5.0′ 7′ 7.0′	48 25	5.1' 3.4' 7.1' 4.8'
NFL (EXZ)	27			12' 24	5.8' 5.8'	11' 6.4'	18	7.2' 6.1'	5' 8.7' 1	7 11.6' 4.8'	9" 9.0"	15 73	9.2' 8.1' 5.0' 3.1'
	\wedge	1850	4000	4' 116 6' 51	4.4' 4.4'	3' 1.7' 5' 2.9	134 48	3.0' 2.5' 5.1' 4.2'	1' 1.7' 23 2' 3.5' 5	9.7 2.9	4' 4.0'	41	6.7' 4.1'
50W MR-16 FL (EXN)	40	1630	4000	8' 29 10' 19	5.8' 5.8' 7.3' 7.3'	7' 4.0' 9' 5.2'	25 15	7.1' 5.9' 9.1' 7.6'	3' 5.2' 2' 4' 6.9' 1		5° 5.0° 6° 6.0°		8.4' 5.1' 10.1' 6.2'
$\overline{\Delta}$	\wedge			3' 128 5' 46	3.1' 3.1' 5.2' 5.2'	3' 1.7' 5' 2.9'	83 30	4.6' 3.6' 7.6' 6.0'	1' 1.7' 14 2' 3.5' 3	8 44.5' 4.2'	3° 3.0°		5.7° 2.9° 8.6° 4.4°
50W MR-16 WFL (FNV)	55	1150	4000	7' 23 9' 14	7.3' 7.3' 9.4' 9.4'	7' 4.0' 9' 5.2'	15 9	10.7° 8.4° 13.7° 10.8°	3' 5.2' 1' 4' 6.9' 9		4° 4.0° 5° 5.0°		11.4' 5.9' 14.3' 7.4'
	Λ			8' 219	1.4' 1.4'	7' 4.0'	186	1.6' 1.4'	3' 5.2' 19		5' 5.0'	198 101	1.8' 1.2' 2.5' 1.7'
73W MR-16	Λ.	14000	4000	12 97 16 55	2.1' 2,1' 2.8' 2.9'	10' 5.8' 13' 7.5'	91 54	2.3° 2.0° 3.0° 2.6°	4° 8.9° 10 5' 8.7° 76	3.6' 1.7'	9. 9.0	61	3.2" 2.5"
SP	10°			4' 156	3.5' 3.5' 2.5' 2.6'	3° 1.7°	36 180	2.7' 2.3'	6' 10.4' 45 1' 1.7' 31		3' 3.0'	98	3.8' 2.7' 4.4' 2.8' 5.8' 3.7'
73W MR-16	Λ	2500	4000	6' 59 8' 39	3.8' 3.8' 5.2' 5.2'	5' 2.9' 7' 4.0'	65	4.5' 3.8' 6.3' 5.3'	2' 3.5' 7t 3' 5.2' 3!	7.5° 2.6° 5 11.4° 3.9°	4° 4.0° 5° 5.0°	55 35	7.3' 4.6'
- FL	36"			10' 25 8' 188	6.5 6.5 2.0 2.0	9' 5.2'	159	6.1' 6.6' 2.3' 2.0'	4' 6.9' 2' 3' 5.2' 10	15.2' 5.2'	6' 6.0' 5' 5.0'	25 170	5.7' 5.5' 2.5' 1.7'
	٨	12,000	4000	12' 83	2.9° 2.9° 3.9° 3.9°	10' 5.8' 13' 7.5'	78 40	3.3° 2.8° 4.3° 3.7°	4' 6.9' 9 5' 8.7' 6	4 4.1' 2.0'	7° 7.0° 9° 9.0°	87 52	3.5' 2.4' 4.5' 3.1'
75W MR-16 NSP (EYF)	14.			30' 30	49' 49'	16' 9.2'	30	5.3' 4.5'	6' 10.4' 4	2 6.2' 2.9'	11' 11.0	35	5.5' 3.8'
\triangle	٨			6′ 13 8′ 77		5' 2.9' 7' 4.0'	127 65	3.0° 2.6° 4.2° 3.6°	3′ 5.2′ E	53 4.2' 1.8' 8 6.2' 2.7'	3′ 3.0 5′ 5.0	69	2.8' 1.9' 4.7' 3.1'
75W MR-16 NFL (EYJ)	/ \ 25*	4900	4000	10° 49	4.4" 4.4"	9' 5.2' 11' 6.4'	39	5.4' 4.6' 6.6' 5.6'	4' 6.9' 3	8 8.3' 3.5' 5 10.4' 4.4'	7' 7.0 9' 9.0	35	5.5' 4.4' 8.4' 5.6'
	Λ			4' 13	3.1' 3.1'	3′ 1.7′	152	3.2 2.7	1' 1.7' 2	63 5.5' 1.5' 6 11.0' 3.1'	3° 3.0	62	5.4° 3.3° 7.2° 4.3°
75W MR-16	/\	2100	4000	6' 58	8.1' 6.1'	7' 4.0'	55 28	7.5' 6.2'	3 5.2 2	9 16.5' 4.6'	5' 5.0	30	9.0' 5.4'
FL (EYC)	42"			10" 21		9' 5.2'		9.7' 6.0		6 22.0' 6.1"	6' 6.0	y 21	10.8' 6.5'
MK-16 HAL	UGEN LOW	VULIAGE	BI-PIN LA		ALUMINIZED					10 34 15		, 140	10' 10'
\triangle	٨	10,500	3500	8' 18 12' 73	2.3' 2.3'	7' 4.0' 10' 5.8'	139 68	1.8' 1.6' 2.6' 2.2'	3' 5.2' 14 4' 6.9' 8	2 3.2' 1.5'	5' 5.0 7' 7.0	76	1.9' 1.4' 2.7' 1.9'
50VV MR-16 NSP	11*	10,500	3300	16' 41 20' 26		13' 7.5' 16' 9.2'		3.3' 2.9' 4.1' 3.6'	5' 8.7' 5 6' 10.4' 3	3 4.0° 1.9° 6 4.8° 2.3°	9' 9.0 11' 11.0	31	3.5' 2.5' 4.3' 3.0'
\triangle	Λ		-	6′ 83 8′ 47	2.7° 2.7° 3.5° 3.5°	5' 2.9' 7' 4.0'		3.0° 2.6° 4.2° 3.6°		4 4.2° 1.8° 2 5.2° 2.7°	3' 3.0 5' 5.0		2.8' 1.9' 4.7' 3.1'
50W MR-16 NFL	/\ 25*	3000	3500	10° 30	4.4" 4.4"	9° 5.2° 11° 6.4°	24	5.4' 4.6' 6.6' 5.6'	4' 6.9' 2	3 B.3 3.5 5 10.4 4.4	7 7.0 9 9.0	22	6.5' 4.4' 8.4' 5.6'
	Å			4' 11'	9 2.9' 2.9'	3' 1.7'	137	3.0° 2.5°	1' 1.7' 2	38 4.8' 1.5'	3' 3.0	75	5.0' 3.1'
50W MR-16	\wedge	1900	3500	6° 53 8° 30		5' 2.9' 7' 4.0'	25	5.1' 4.2' 7.1' 5.9'	3' 4.0' 2	9 9.7' 2.9' 6 14.5' 4.4'	5' 5.0	27	6.7° 4.1° 8.4° 5.1°
FL	40°			10' 19		9' 5.2'	15	9.1' 7.6'	-4' 5.2' 1	5 19.3' 5.8'	6' 6.0	19	10.1' 6.2'

Job Information	Type:

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