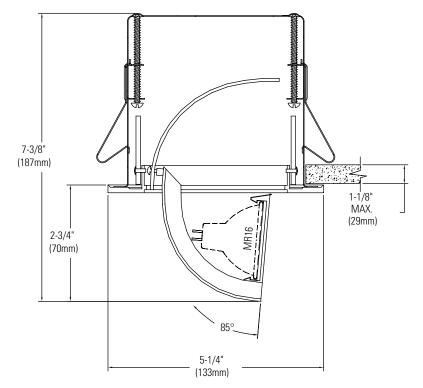
LIGHTOLIER®

Page 1 of 2

4 3/4" (121mm) Aperture Adjustable Elbow MR16



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.
- 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 0088AS Symmetric Beam Elongator

Labels

CSA, UL Suitable for damp locations.

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

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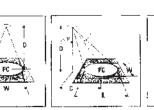
478X Lytecaster Recessed Downlighting

4 3/4" (121mm) Aperture Adjustable Elbow MR16

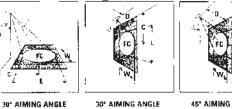
Page 2 of 2

 $\label{eq:constraint} \begin{array}{l} (FG) is minimized for a solution or been.\\ Hearr Heagth (L) and beam writh (W) one to where the capality power is reduced to 50% of the energy beam candidations (CGC) so the team candidations (C) is obtained to the team of the beam (C) is obtained to the team of the beam (C) is obtained. \\ \end{array}$

Land data shown is typical, and is leaved on bare lian pichotometrics. Contact tamp manufacturies for availability and performance



D° AIMING ANGLE



45" AIMING ANGLE D C FC L W

Crim AR-18 LOW 20W MR 15 20W MR 15 20W MR-15 NSF 155X- 20W MR-15 EL BABI	BPD IN Screed To Sold EBCP; VOLTAGE MA	1200 NLÙGEN B B200		1PS	FC IE7	L 09'	W	D	¢	FC	L	w	0	¢	FÇ	L	w	D	C	FC	L	w
2000 MR 15 2000 MR 15 2000 MR-15 NSF (E2X) 2000 MR-15 2000 MR-15	ł			7 - 1	12.7	0.9'	64															
9551 6230 294 MR-16 NSF (ESX) 204 MR-15 204 MR-15		6200			121	0.9	5.61															
9551 6230 294 MR-16 NSF (ESX) 204 MR-15 204 MR-15		6200						6	5.51	148	1.0	0.8	5	25	256 114	10	95 37	4	4 B 6.0	151 81	1.0	0.7 1.0
20 W MR-16 NSF (ESX) 20 W MR-15			30.000	121	82 45	12'	121	91 1421	6.91	ья 37	15	13" 17	4	52 6.9	54	15	10	Э.	3 .U	48	2.0	141
NSF (ESX) 2 20VV MB-15					32	20	2.6	<u> </u>	Ę.7	24 -	2.31	21	5	8.71	41	2.5	12	2	100 2.0	29	2.5	1.0
NSF (ESX) 2 20VV MB-15	A	(0600)	3000	4	103 36	14	181	7	2 9° 4 D'	48	1.51	1.6	3	5.2	20	2.8	1.5	Ē'	50	51	2.3	1.01
	121	1404.00×	3000		36 25	23 27	231	3° 11	57 64	20 13	2.7' 3.4'	2,4" 2 9'		6.9° 6.7°	28 18	47	1.81	9	78° 90°	26 16	32' 42'	23 23
	Δ		_		131	15	15	2.	1.Z	85	2.0'	1.7	1.	17	545	4.B	1.5' 2 9'	2.	20	46	ዓኖ 5 ግ	21'
FI 8.49)	- A -	525	4000		68 33	27	2.2° 79'	.3' 4'	23	33 24	3.0° 4.1°	2 5 3 4	3'	35 52	76 7	57 1431	4,4	3' 4'	30° 4.0°	2" 12	6.7	4.11
	40'			_	21	35	3.6	5'	2.9	14	51	4.2		69	4	193'	5.8'		0.đ	7	94° 17'	51
6	Ą				175 87	1.∰ 2.11	1.5° 2.1°	ę.	3.5 5.2	157 70	25	15	3	35 52	121	1.7 7.5	. 3. 3.6.	6	6 Ú	85	28	18
2597 MIR-15 NSP (FPB)	12'	3700	4030		51	2.7	27	12' 15'	5 9' 8 7'	25 25	34	2.91	4' 4'	6.9 67	67 44	35 43	<u>,</u>	10 10	80 10.01	48 31	3.4° 4.0°	24' 3.0'
10110					108	2.1	2.11	5	29	101	21	2.7	T	15	122	Ĵ	1.41	3	3.D	153	2.7	15
25W MR 16	A	1906.0	4000		61 39	2.8° 3.5°	2.E" 3.5"	/ 9	411 5.2	52	3 J 4 3	2.9	3	57 69	54 30	47 67	2 1	57	5.D 7.0	55 28	16' 51	25 35
SP (HRA)	50,			17	21	4 Z'	4.21	111	641	2.	57	4.51	5	6.3.	20	7.8	35	3	9.0	17	6.6	+.5
~	A				100 44	7 9' 7 9'	2.5'	3	2.9	115	30° 51'	25	2	171	260 50	4 #* 9,7	15 29	3'	30 30	65 35	50 67	31
35W MF-16	· · ·	NOU:	4:UC	8	21	5.91	5.8	9' 7	411	21	7 m 9 m	5.8' 7.5'	3'	6.21 6.91	22	1451	4,1° 5 M	5 15	5.0° 6.3	Z: 16	8.4 10 ^{***}	5 F 5.2
TL SMW	40				- 80	14	1.3	7	4.0	152	1.6	1,4	3	5.2	760	2.1	1.0	5	5.0	162	1.8	1.2"
37W MILLE	A	11500	4070	i2	80 45	2.1 2.8	21 28	- J 13	5.6 7.5'	15	2.3	2.C 2.B	41 51	5.9 9.7	90 26	2.9 3.0	1.4	}' 5'	7.0 0 0	63 50	25 02	17
LR INSP	18				29	3.5	35	16	52	29	3.0 17	32	5	10.4	40	4.3	?**	-11	11.0	34	39	2.2
12	λ				57 55	2.7 3.5	7.7	5	2.9	91 45	201	20° 36	2 3	35 501	305 49	¢.21 E.21	1.8° 27'	3' 5	3.C 5.C	167 49	28 47	19 3 F
33W MR-16	1	3500	4000	10	35	4.41	4.4		4.2	29	8.41	4 ä	4	5.9	21	F 11	55	7	7.6	25	65 64	4.41
R (NELT	25				24	\$3	\$.3' 2.9'	11'	64	:9 148	E.61 2-01	5 to 7 5	- <u>5'</u>	8.71	181 258	10.4° 4 Bi	1.5	- 9	9.0 9.0	- 15 - 51	5.D	5.5
- <u>C</u>	A	2053	4309	÷)28 5)	4.41	44	5'	79	53	5.1	4.2	2	3.5	84	9.71	2 S.	4	40	- 65 I	6.7	41
37W M8-16 18 (F1)	40'	1.000	1000		22 21	5.e1 2 û	5.8 7.3	7 9	49 5.2	27 16	9.1	59° 75	3	52 6.9	28	14.5° 19 3	42" 58	5 5	50 60	25 20	841 10 i	51° 6.2
				8	205	13.	13	- T	4,9	1/4	1.5	1.3	3	5.4	182	·.9	0.9	- 5	50° 70	185 98	.6 27	1.1
4247 MH 16	. Å	13,100	3500		91 51	: 9° 25	19 2.5	10'	5.8° 7.5°	85 50	2.7	1.81	4'	Б7'	E.F.	2.5	13	9'	9.01	57	2 \$	23
VNS1 (E27)	9'				31	31	3	18	\$2	33	14'	2.9'	- 6	16.4	45	3.8'	17	11'	36	36	3.5	2.4°
12	A.				150 67	1.9° 7.9'	19	3.	79	173 62	33.	17	2	3.51	330 75	27 45	1.51		4 C'	53	41'	2 7
42WV MR 15 MPL (EMS)	1 N 27'	2400	41400	81 107	38 74	38 48	33 43	7* E'	4 M 5 2	37 15	46	39 50	3	52	33 19	7 C' 9 7'	2.91	5	5.C' 6.C	34 24	51' 6.1	34° 4.1
.m					1.55	70	7.7	-	417	135	23	20	3.	57	147	-, -·	15	5	5.01	144	2.51	1.7
50V7 MR 16	- A	15,200	4000	2	7) 40	29) 38)	2.9 3.9	10 13	5.8	38 39	13 43	1 B' 3 7	4' 5'	69 37	80 51	4.	2 G 2 S	4 1	ч.С. 9.С.	45	3.5	2.4 3.1
NSP (DOD)	14			23	26	4,5	4.3	15	÷2	28	53	4.5	5.	10 4	35	6.2"	2.9	111	11.3.	ЗU	5.5'	3 \$'
	4			6	91	29 35	2.5° 5.8'	1	2 91 4 D1	88 45	3.3 4.5	28 39	3'	3.5 57	106 47	4 b 7 0	19 29	3.	3.C 5.0'	134 48	31' 51'	2.01
SOW MR IN	Λ	3400	4004	i.r	53	4 E'	4.8	á.	5.71	27	5 J	5.01	41	3.3°	27	33	3.6	- r	7.0	25	711	48
NFL (FAZ)	27			4	24	5 B' 2 9	58	- 11	6.2	18	3.2	8 1' 2 5'	5	3.7'	17 2,11	11.01	48	3.	9.0° 3 0'	15 73	92' 50'	61'
<u> </u>	A	1850	4000	Ê.	115 51	4.4	2 9' 2 9'	\$	2.9	£6	11	47	2.	3.5'	58	3.7	2 J 4 S	41	4.0	41	6.7	1.1° 5.1'
50 A MAR 16 FL (EXA	42*	1050	*****	B 10'	29 19	5 H 7 3	5 9' 7 3'	9	4 J 5 Z	25	7.1' 5.1'	59' 76'	4	5.2 5.8	26 14	19.3	581	<u>6</u> .	5 C' E C'	光 1は	1011	þ. 2'
,0-	~				126	31	31	3	1?	83	4.5	3.6'	1	12	* 44 38	523 445	2.1	2'	201 301	102 45	57 8.6	2.91
505Y MR-16	$\sim 2 \lambda$	1150	4000	57	46 23	5.2 73	52	5.	29	30 15	7.5° 10.7	60' 84	3	35 52	-6	55.5	62	41	41	25	11.4	5.9
WYU THAY	5%°,			8.	14	3.4	94_	5	5.2	9	15.7	10.E		6 9	2	89.).	8.3'	5.	5.01	16	14.3	24
2.	Å			Б 12	21E 97	21	2.1	10	2 Q 5 8	196 Şi	1.B 2.3	141	4. 3.	5 X 5 5	194 110	2.11 2.51	1.3° 1.4°	5.7	5 C 7.01	158 101	18	12
73YJ MA 16 SP	л. 101	14010	4005	16'	55	29	2.9	12' 15'	75	54 36	2.0° 2.7	26 32	5	87' IC 4	20	3 F' 43'	1.2	9 11'	90 11 X	61	32' 3.8'	2.7
				<u>70'</u> 4'	35 155	20	2.5	- <u>16'</u>	1.2	150	2.7	32	1	10,4	313	3.81	12	3	30.	99	4.4'	28
73W/ MR-16	A	2500	4000	5. B.	59 33	9.6 5.2	38	5	2 9 4 0	65 33	4.5° 5,3°	38 53	7	35	78	75° 11.4°	3.9 2.6	4	40 50	56 35	58' 7.3'	37
HL HL	35			10	25	6.5	6.5	<u>.</u>	52	20	6.	<u>р</u> Ь'	Â.	69	23	15.7	5.2	6	60	2	67	5.5
<u> </u>	\$			8' 12'	168 87	2.0° 2.9'	2.57	10.	4 D' 5.8'	129 78	23	5.5	3.	5 2 6 5	54	3 ľ 4.ľ	1.5	57	50° 70°	1/U £7	2.5	1.7
75W/M8-16	A	12,630	4060	16'	47	3.9	3.91	13	7.5' 3.2'	40	41 5 Y	37	5	Б7 ⁴ 13.41	60	51° 6.7'	25	9 11	90° 110°	57 35	4 51 6.F	3 K 3 61
NO PARA	.4.			74 ¹	थ 105	49	27	- -	92	30	30	2.6	- 2	3.5	163	4.2	1.6.	-3	30	102		1.9
<u> </u>	A	4900	4000	8.	136 77	2.7 3.5	35	7	40	65	4.21	361	3	5 21	58	6 2'	2.7'	5	50	65	47	31
75W MR-16 NFL (EY-1	257	42410	+000	10' 12'	49 34	44	44' 53	37 111	52	文 光	54'	4.6' 6.6'	4' 5'	69' 67	39 75	R 31 10 41	4.4	9 9		35 21	55 84	
J	5				131	31'	3 :	3	17	152	37	27	1	17	263	5.5'	1.5	3	30	62	5.4	33
75W MR 16	$- \wedge$	2100	4000	5' 8'	58 33	4.6° 5.1°	4.6° 6.1°	5 7	2.9° 4.0°	54 26	54' 75'	4 4' 6.2'	2 3	3.5° 5 2	¥. &	11.0 16.5	5.0° 4.6°	4' 5'		48 30	7.2 9.0	43
FL (EYC)	42			Ĭ.	21	7.7	17	9	5.27	17	9 r	6.0	4	t V	i6	22.0	E.F	6	60.	21	10.8	65
MR-16 HA	LOGEN LOW	VOLTAGE	BI-PIN LA	MPS WI	TH A	LUMI	NIZED (NON-	DICHE	ROIC)	REFLI	CTDH	s									
		_		8'	154	15	15	- - 7	40	179	1.87	1.6'	3.	57	146	2.4	1 2	5	5.0	146		14
50W MB-16	Ą	0.50C	3560	12'	73	23	2.3' 3.1'	10 13		69 40	25	22	5	5.J 1.J	32 53	3.Z 4.J	15 1.9	6. 1.	7.0	.26 46	2.7	1.9 2.5
NSP	11			20	26	3.9	39	16	9.2	27	4)'	36	6'	10.41	36	4.91	23	- 11	. I I Ø.	3)	4.5	3.0
12	А			6' 8'	63 47	27	2.F 3.5	5	2.9° 4 0'	/B 40	1 J 1 J	2.6 3.6	2	35 57	94 42	4 2' 6 Z	1.B 2.7	51	3 0' 5.0'	118 42	23	1.9 311
NW MP 16		3060	3533	10	30	4.41	4.4	T	57	24	5.41	46	4*	B 9	23	83	3.5	3.	2.31	22	5.5	4.4
MEL	252			12	21	53	5.3 2 91	- 11	6.4	- 16 137	6 F 3.0	2.5	- <u>5'</u> T	8.7	238	1014 4 B	3.4° 1.5	- <u>6</u>	9 ar 3 ar	-3 75	84' 57	5.6
	Α	1900	3500	E*	53	44	4.0	51	2.81	49	5 1'	4.2	2	29	59	97	29	£*	4.01	42	67	4.1
62						6 100																51
5014 140-16 FL	/ \ 40*	1 300		10. 6.	30 19	5B 73	5.8° 3.3°	7 9	4 ()" 5 2	25 15	21'	\$ 91 7 6	3'	4 D 5.2	25 !5	14.5° 19 3°		5' E'	5.0° 6.0°	27	8.4° 10 1'	

Job Information

Type:

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