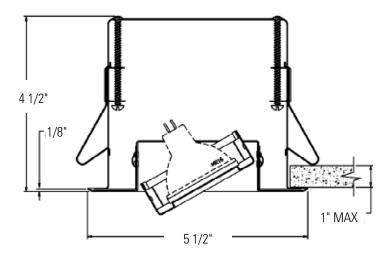


### Page 1 of 2

# Lytecaster<sup>®</sup> Recessed Downlight **413X**

4 3/4" (121mm) Aperture Gimbal M16



#### **Ceiling Cutout:**

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

Reflector	Trim	Frame-In K	Cit	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	75WMR16	
		Non-IC	603MR	75WMR16	
		Non-IC	604MR	75WMR16	
		Non-IC	604SQMR	75WMR16	

#### **Features**

- 1. Housing: 25ga. galvanized steel.
- 2. Residence Mounting Clip: Factory-installed ; zinc plated spring steel ; freehand installation. (patent # 2,184, 149)
- 3. Flange Housing: Cold rolled steel 22ga.
- 4. Adjustable Lampholder Support: 27ga. steel ; Rotates 358° horizontaly and 0° to 30° vertically.
- 5. 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 400 frame specification sheets.

#### Labels

CSA, UL (Suitable for damp Locations)

#### Accessories

**Square Face Plate** 400SQBK Black 400SQWH White

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<b>Job Information</b>
Job Name:
Cat. No.:

Lamp(s):

Notes:

Lightolier a Genlyte company

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Type:



## Page 2 of 2

Lytecaster<sup>®</sup> Recessed Downlight **413X** 

4 3/4" (121mm) Aperture Gimbal M16

(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 contar beem candlepower. (C) is distance to the center of the beam. Lamp data shown is typical, and is based on bere lamp photometrics. Contact lamp manufacturers for availability and performance.			bare	z f	P P C C				C C C C C C C C C C C C C C C C C C C												
Langes	Beom Spread (To 50% CBCP)	DEGP	Raticó Lilio 0-im.)	0° AIMI D FC	ING AN L	GLE W	3 D	0° AIN C	FC	ANGLI	e w	3 D	0" AIF C	FC	ANGL L	E W	4! D	5° AI/ C	MING FC	ANGL L	e W
MR-16 LOW V		LOGEN B					_														
20W MR-16 VNSP (EZXI	1	8200	3000	7 (67 10' 82 13' 40 16' 32	0.9' 1.2' 1.6' 2.0'	0.9' 1.2' 1.6' 2.0'	8 9 12 15	3.5° 5.2° 6.9' 8.7'	148 66 37 24	1.5 2.0 2.3	0.8 1.3 1.7 2.1	2345	3.5 5.2 8.9 8.7	256 114 64 41	1.6 1.5 2.0 2.5	0.5 0.7 1.0 1.2	8 8 10	4.0' 6.0' 8.0' 10.0'	181 81 45 29	1.0 1.5 2.0 2.5	0.7 1.0 1.4 1.7
20W MR-16 NSP (ESX)	A 13*	3600	3000	6 100 8 56 10 36 12 25	1.4' 1.6' 2.3' 2.7'	1.4 1.8 2.3 2.7	5 7 97 11	2.9' 4.0' 5.2' 8.4'	94 48 29 19	1.5 2.1 2.7 3.4	1.3 1.8 2.4 2.9	2 3 4' 5'	3.5' 5.2' 6.9' 8.7'	119 50 28 18	1.3' 2.8' 3.8' 4.7'	0.9' 1.4' 1.8' 2.3'	9' 5' 9'	3.0 5.0 7.0' 9.0'	141 51 26 16	1.4 2.3 3.2 4.2	1.0 1.5 2.3 2.3
20W MB-18 FL (BAB)	$\bigwedge^{\ast}$	525	4000	2' 131 3' 58 4' 33 5' 21	1.5° 2.2° 2.9° 3.5°	1.5 2.2 2.9 3.6	234	1.2 1.7 2.3 2.9	85 38 21 14	2.0' 3.0' 4.1' 5.1'	1.7' 25' 3.4' 4.2'	1' 2' 8' 4'	1.7 3.5 5.2 6.9	66 16 7 4	4.8' 5.7' 14.5' 19.3'	1.5' 2.9' 4.4' 5.8'	2' 3' 4' 5'	2.0' 3.0' 4.0' 5.0'	46 21 12 7	3.4° 5.0° 6.7° 8.4°	2.1' 3.7' 4.1' 5.1'
35W/ MR-16 NSP (FRB)	A.	5700	4000	7' 178 10' 87 13' 51 16' 34	1.5 2.1 2.7 3.4	1.5 2.1 2.7 2.4	B' 9' 12' 15'	3.5° 5.2° 6.9° 6.7°	157 70 39 25	1.7 2.5 3.4 4.2	1.5 2.2 2.9 3.6	N 81 W 10	3 5 5 2 6.9 6.7	272 121 68 44	1.7 2.6 3.5 4.3	0.8" 1.3" 1.7" 2.1"	4 6 8 10	4.0' 6.0' 8.0' 16.0'	192 85 48 31	1.7' 2.6' 3.4' 4.3'	12' 18' 24' 36'
35W MR-16 SP (FRA)	A 20'	3900	4000	6' 108 8' 61 10' 39 12' 27	2.1' 2.8' 3.5' 4.2'	2.1' 2.8' 3.5' 4.2'	5' 7' 8' 11'	29 4.0 5.7 6.4	10) 52 31 21	2.4 3.3 4.3 5.2	2.0' 2.9' 3.7' 4.5'	2' 3' 4' 5'	3.5 5.2 6.9 8.7	122 54 30 20	3.1 4.7 5.2 7.8	1.4' 2.1' 2.8' 3.5'	3575	3.0 5.0 7.0 9.0	153 55 28 17	2.2' 3.6' 5.1' 6.6'	15 25 35 45
25W MR-16 FL (FWW)	40'	1600	4000	4' 100 6' 44 8' 25 10' 16	2.9' 4.4' 5.8' 7.3'	2.9' 4.4' 5.8' 7.3'	3 5 7 9	1.7 2.9 4.0 5.2	115 42 21 13	3.0' 5.1' 7.1' 9.1'	2.5' 4.2' 5.8' 7.6'	1' 2' 3' 4'	1.7' 3.5' 5.2' 6.9'	200 50 22 13	4.8° 9.7° 14.5° 19.3°	1.5 2.8' 4.4' 5.8'	3456	3.0' 4.0' 5.0' 8.0'	63 35 23 16	5.0° 6.7° 8.4° 10.1°	3.1' 4.1' 5.1' 6.2'
37W MR-16 IR (N\$P)	A.	11500	4000	6' 180 12' 80 16' 45 20 29	1.4 2.1 2.8 3.5	1.4' 2.1' 2.8' 3.5'	7' 10' 13' 16'	4.0' 5.8' 7.5' 9.2'	152 78 44 29	1.6 2.3 3.0 3.7	1.4' 2.0' 2.8' 3.2'	3" 4" 5" 6"	5.2' 8.9' 8.7' 10.4'	160 90/ 58 40	21' 29 36 43	1.0° 1.4° 1.7° 2.1°	5' 7' 9' 11'	5.0' 7.0' 9.0' 11.0'	183 83 59 34	1.8° 2.5' 3.2' 3.9'	1.2 1.7 2.2 2.7
37W MR-16	A.	3500	4000	6' 97 8' 55 10' 35 12' 24	2.7 3.5 4.4 5.3	2.7 3.5 4.4 5.3	5 7 9	2.9° 4.0° 5.2° 6.4°	91 46 28 19	3.0' 4.2' 5.4' 6.6'	2.6' 3.6' 4.6' 5.6'	2 3 4 5	3.5' 5.2' 6.9' 8.7'	109 49 27 18	4.2' 5.2' 8.3' 10.4'	1.8' 2.7' 3.5' 4.4'	3' 5' 7' 5'	3.0° 5.0° 7.0° 9.0°	137 49 25 15	28 47 85 84	1.5' 3.1' 4.4' 5.6'
STW MR-16	A0"	2050	4000	4" 128 6" 57 0" 32 10" 21	2.9" 4.4" 5.8" 7.3"	2.9' 4.6' 5.6' 7.3'	3 5 7 9	1.7 2.9 4.0 5.2	148 53 27 15	3.0° 5.1° 7.1° 9.1°	2.5 4.2 5.9 7.6	1 2 3 4	1.7 3.5 5.2 5.9	258 64 28 16	4.8' 9.7' 14.5' 19.3'	1.5' 2.9' 4,4' 5.8'	3496	3.0 4.0 5.0 6.0	61 45 29 20	5.0° 6.7° 8.4° 10.1°	3.1 4.1 5.1 6.2
42W MR-16 VNSP (EZY)	l.	13,100	3500	8' 205 12' 91 16' 51 20' 33	1.3' 1.9' 2.5' 3.1'	1.9' 1.9' 2.5' 3.1'	7 10' 13' 18'	4.0 5.8 7.5 9.2	85 58 33	1.5 2.1 2.7 3.4	1.3' 1.8' 2.4' 2.9'	3 4 5 8	5.2' 6.9' 8.7' 10.4	182 102 66 45	1.9 2.5 3.2 3.8	0.9 1.3 1.5 1.9	5 11 11	5.0° 7.0 9.0° 11.0°	145 第 57 34	16 22 28 35	1.3' 1.6' 2.0' 2.4'
4ZW MB-18 NFL (EYS)	A.	2400	4000	4" 150 6" 67 8" 28 10" 24	1.5' 2.5' 3.8' 4.5'	1.5 2.9 3.8 4.6	3 5 7 9	1.7 2.9 4.0 5.2	173 62 32 15	2.0' 3.3' 4.6' 5.9'	1.5 2.8 3.9 5.0	234	1.7 3.5 5.2 6.9	320 75 33 19	2.3 4.5 7.0 9.3	1.0° 1.8° 2.9' 3.6'	3 4 5 6	3.0 4.0' 5.0' 6.0'	84 53 34 24	3.1 4.1 5.1 6.1	2.0' 2.7 3.4' 4.1'
SOW MR-16 NSP-(EXT)	Å.	10,200	4000	8 159 12 71 15 40 25 25	2.0' 2.8' 3.8' 4.9'	2.0' 2.5' 3.9' 4.5'	7 10 13 15	4.0° 5.8° 7.5° 9.2°	135 56 39 28	23 33 43 53	2.0' 2.8' 3.7' 4.5'	3 4 5 5	52 69 87 10.4	142 80 51 35	3.1' 4.1' 5.1' 6.2'	1.5' 2.0' 2.5' 2.9'	5' 7' 5'	5.0' 7.0' 9.0' 11.0'	144 74 45 30	2.5° 3.5° 4.5° 5.5°	1.7 2.4 3.1 3.8
50W Mil-16 NFL (EXZ)	A 27"	3460	4000	6' 94 8' 53 10' 34 12' 24	2.9' 3.8' 4.8' 5.8'	2.9 3.8' 4.8' 5.6'	5 7 9	2.8' 4.0' 5.2' 6.4'	88 45 27 18	3.3 4.6 5.9 7.2	2.8 3.9 5.0 6.1	2346	35 52 69 8.7	106 47 27 12	4.6 7.0 9.3 11.6	1.9 2.9 3.6 4.8	357	3.0 5.0 7.0 9.0	134 48 25 15	3.1' 5.1' 7.1' 9.2'	2.0° 3.4° 4.8° 6.1°
SOW MR-16 FL (EXN)	A0'	1850	4000	4' 115 6' 51 8' 29 10' 19	2.9 4.4 58 7.3	2.9° 4.4° 5.8° 7.3°	3' 5' 7' 9	1.7 2.9 4.0 5.2	134 48 25 15	3.0° 5.1° 7.1° 5.1°	2.5 4.2 5.9 7.6	1 2 3	1.7 3.5' 5.2' 6.9'	231 58 26 14	4.8 9.7 14.5 19.3	1.5 2.9 4.4 5.8	3' 4' 5' 6'	3.0' 4.0' 5.0' 8.0'	73 41 26 18	5.0' 6.7' 8.4' 10.1'	3.1 4.1 5.1 6.2
SONY MR-10 WRL (FINV)		1150	4000	3' 128 5' 45 7' 23 5' 14	3.1 5.2 7.3 9.4	3.1 5.2 7.3 9.4	5 57 57	1.7 2.9 4.0 5.2	83 30 15 8	4.5' 7.6' 10.7' 13.7'	3.6' 6.0' 8.4' 10.8'	1' 2' 3' 4'	1.7 3.5 5.2 6.9	144 38 16 9	27.3 44.5 66.8 89.1	2.1 4.2 6.2 8.3	2 2 4 5	2.0° 3.0° 4.0° 5.0°	162 45 25 16	5.7' 8.6' 11.4' 14.3'	2.9' 4.4' 5.5' 7.4'
73W MR-16	A.	14000	4000	8' 219 12' 97 16' 55 20' 35	1.4 2.1 2.8 3.5	1.4° 2.1° 2.9° 3.5°	7 10 13 16	4.0 5.8 7.5 8.2	186 91 54 36	1.6' 2.3' 3.0' 3.7'	1.4' 2.0' 2.5' 3.2'	3' 4' 5'	5.2° 6.9° 8.7° 10.4°	194 105 70 49	2.1 2.9 3.6 43	1.0' 1.4' 1.7' 2.1'	6' 7' 9' 11'	5.0° 7.0° 9.0° 11.0'	198 161 61 43	18 25 3.2 3.8	1.2' 1.7' 2.5' 2.7'
73W MR-16	×.	2500	4000	4' 156 6' 59 8' 39 10' 25	3.8.	2.5 3.8 5.2 6.5	3 57 9	1.7 2.9 4.0 5.2	180 65 33 20	2.7' 4.5' 6.3' 6.1'	2.3' 3.8' 5.3' 6.6'	1'2'3'	1.7 3.5 5.2 6.9	313 78 35 20	3.8 7.5 11.4 15.2	1.3' 2.6' 3.9' 5.2'	3 4 5 6	3.0° 4.0° 5.0° 5.0°	\$F 55 35 35	4.4' 5.8' 7.3' 5.7' 2.5'	2.8 3.7 4.6 5.5
75W MB-16 NSP (EVE)	Ņ.	12,000	4000	8' 188 12' 87 18' 47 20' 31		2.0° 2.9° 3.9° 4.9°	7" 10" 13" 16"	7.5'	159 78 40 30	23 33 43 53	2.0 2.8 3.7 4.5	249.9	5.2° 6.8° 8.7° 10.4°	167 54 60 42	3.1 4.1 5.1 6.2	1.5 2.0 2.5 2.9	5 7 9 11	5.0' 7.0' 9.0' 11.0'	170 87 52 35	2.5 3.5 4.5 5.5	1.7 2.4 3.1 3.8
75W MR-16 NFL (EYJ)	A	4900	4000	6' 13 8' 77 10' 49 12' 34	3.5'	27 35 44 53	5 7 9 11	2.9 4.0 5.2 8.4	127 65 39 26	3.0' 4.2' 5.4' 6.6'	2.6 3.6 4.6 5.8	***5	3.5' 5.2' 8.9' 8.7	153 88 38 25	4.2 6.2 8.3 10.4	1.8' 2.7' 3.5' 4,4'	3 5 7 8	3.0' 5.0' 7.0' 9.0'	192 69 35 21	2.8 4.7 5.5 8.4	1.9' 3.1' 4.4' 5.6'
75W MR-16 FL (EYC)	A2	2100	4000	4' 13' 6' 58 8' 33 10' 21	4.5° 5.1°	3.1° 4.6° 6.1° 7.7°	3 5 7 9	1.7 2.9 4.0 5.2	152 55 28 17	3.2' 5.4' 7.5' 9.7'	2.7 4.4 6.2 8.0	1 2 3 4	1.7 3.5 5.2 6.9	263 66 29 16	5.5 11.0 15.5 22.0	4.6'	3 4 5	3.0 4.0 5.0 6.0	62 48 30 21	5.4 7.2 9.0 10.8	3.3 4.7 5.4 6.5
MR-16 HALO	GEN LOW V	OLTAGE	BI-PIN LAI	MPS WITH	ALUMI	NIZED	(NON-	DICHE	101C)	REFLE	CTORS	5									
SOW MR-16 NSP	Ņ.	10.500	2500	8' 18- 12' 73 16' 41 20' 26	2.3	1.5 2.3 3.1 3.9	7 10 13 16	7.5	139 68 40 27	1.8 2.5 3.3 4.1	1.6 2.2 2.9 3.6		5,2 5,9 8,7 10,4	146 82 53 36	2.4 3.2 4.0 4.8	1.2 1.5 1.5 2.3	57 77 97 11	5.0° 7.0° 9.0° 11.0°	148 76 46 31	1.9' 2.7' 3.5' 4.3'	1.4 1.9 2.5 3.0
SOW MR-16 NFL	۸ ۲۶۰	3000	3500	6' 83 8' 47 10' 30 12' 21	3.5	2.7 3.5 4.4 5.3	5 7 9 11		28 40 24 16	3.0° 4.2° 5.4° 8.6°	2.5 3.6 4.6 5.6	2 X 4 5	3.5° 5.2° 8.9° 8.7	94 42 23 15	4.2 8.2 8.3 10.4	1.8 2.7 3.5 4.4	3 5 7 9	3.0' 5.0' 7.0' 9.0'	118 42 22 13	2.9' 4.7' 5.5' 8.4'	1.9' 3.1' 4.4' 5.6'
50W MR-16	A.	1930	3500	4" 11 6" 53 8" 30 10' 19	9 2.9' 4.4' 5.8'	2.9 4.4 5.8 7.3	3 5 7 8	1.7 2.9 4.0	137 49 25 15	3.0 5.1 7.1 9.1	25 42 59 75	- 2004	1.7 2.8 4.0 5.2	238 59 25 15	4.8 9.7 14.5 19.3	1.5 2.9 4.4	3 4 5 8	3.0' 4.0' 5.0' 8.0'	75 42 27 19	5.0' 6.7' 8.4' 10.1'	3.1' 4.1' 5.1' 6.2'

Job Information

Туре:

Lightolier a Genlyte company

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