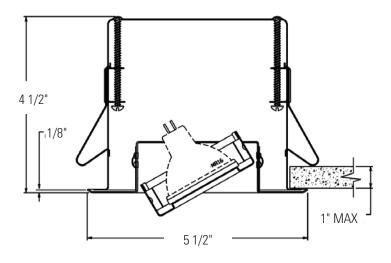


Page 1 of 2

Lytecaster[®] 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	Kit	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.
- 3. Flange Housing: Cold rolled steel 22ga.
- 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 Plate400SQBKBlack400SQWHWhite

Alzak® is a registered trademark of ALCO.	Α.
---	----

Job	Name:
-	

Job Information

Cat. No.:

Lamp(s): Notes:

:

.....

Lightolier a Genlyte company www.lightolier.com 631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710 We reserve the right to change details of design, materials and finish. © 2011 Genlyte Group LLC • C0711

Type:



Page 2 of 2

Lytecaster[®] 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 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.								P P PC W					P FC W							
Lamps MR-16 LOW	Beam Spread (To 50% CBCP) VOLTAGE HA		Rated Life (Hrs.)	D	FC I	ANGLE L W	D	30° AIMING ANGLE DCFCLW				30° D (AJMÍN C FO		W	45 D	i° AIN C	AING . FC	ANGLI L	e W
20W MR-16	Å	8200	3000		49 1.	2' 1.2' 6' 1.6'	6 9' 12 15	6.9	148 66 37 24	1.0° 1.5° 2.0° 2.3°	0.8' 1.3' 1.7' 2.1'	2' 3 3' 5 4' 8 5' 8	9' 64	1.5	0.5' 0.7' 1.0' 1.2'	4' 6' 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)	<u>ا</u>	3600	3000	6' 8' 10' 12'	100 1 56 1	4' 1.4' 8' 1.8' 3' 2.3'		2.9 4.0 5.2	94 48 29 19	1.5' 2.1' 2.7' 3.4'	1.3 1.8 2.4 2.9	2° 3. 3′ 5. 4′ 6.	.5' 11. .2' 50	3 1.9' 2.8' 3.8'	0.9' 1.4' 1.8' 2.3'	3' 5' 7' 9'	3.0 5.0 7.0' 9.0'	141 51 26 16	1.4' 2.3' 3.2' 4.2'	1.0' 1.6' 2.3' 2.9'
20W MR-16 FL (BAB)	40*	525	4000		131 1. 58 2. 33 2.	.5' 1.5' .2' 2.2' .9' 2.9' .5' 3.6'	2 3 4 5	1.2 1.7 2.3	85 38 21 14	2.0' 3.0' 4.1' 5.1'	1.7' 2.5' 3.4' 4.2'	1' 1 2' 3 3' 5	T 66	4.8 9.7 14.5	1.5 2.9 4.4	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' 3.1' 4.1' 5.1'
35W MR-16 NSP (FRB)	۸ ۱2'	8700	4000		178 1 87 2 51 2	.5' 1.5' .1' 2.1' .7' 2.7' .4' 3.4'	- 6 9 12 15	3.5' 5.2' 2' 6.9'	157 70 39 25	1.7 2.5 3.4 4.2	1.5' 2.2' 2.9' 3.6'	2 3 3 5 4 6	5 27	2 1.7 1 2.6 3.5	0.8' 1.3' 1.7' 2.1'	4' 6' 8' 10'	4.0° 6.0° 8.0° 10.0°	192 85 48 31	1.7' 2.6' 3.4' 4.3'	1.2 1.8 2.4 3.0
35W MR-16 SP (FRA)	A 20°	3900	4000		108 2 61 2 39 3	1' 2.1' .8' 2.8' .5' 3.5' .2' 4.2'	- 5 7 9	2.9 4.0 5.2	101 52 31 21	2.4' 3.3' 4.3' 5.2'	2.0' 2.9' 3.7' 4.5'	2' 3 3' 5 4' 6	.5 12 .2 54 .9 30 .7 20	2 3.1 4.7 6.2	1.4 2.1 2.8 3.5	3' 5' 7' 9'	3.0' 5.0' 7.0' 9.0'	153 55 28 17	2.2 3.6 5.1 6.6	1.5 2.5 3.5 4.5
35W MR-16 FL (FMW)	40"	1600	4000		100 2 44 4 25 5	.9' 2.9' .4' 4.4' .8' 5.8' .3' 7.3'	3579	1.7 2.9 4.0	115 42 21 13	3.0' 5.1' 7.1' 9.1'	2.5' 4.2' 5.8' 7.6'	2' 3 3' 5	.7' 20 .5' 50 .2' 21 .9' 11	9.7 [°] 14.5		34	3.0' 4.0' 5.0' 6.0'	63 35 23 16	5.0' 6.7' 8.4' 10.1'	3.1' 4.1' 5.1' 6.2'
37W MR-16 IR (NSP)	۸ ۱۵ ^۰	11500	4000	6 12 16 20	180 1 80 2 45 2	.4 1.4 1 2.1 .8 2.8 .5 3.5	7' 10 13 16	7.5	152 75 44 29	1.6' 2.3' 3.0' 3.7'	1.4 2.0 2.8 3.2	4' 6 5' 8 6' 1	5.2' 16 5.9' 90 3.7' 58 0.4' 40	2.9	1.0° 1.4° 1.7° 2.1°	5' 7' 9' 11'	5.0° 7.0° 9.0° 11.0°	163 83 50 34	1.8' 2.5' 3.2' 3.9'	1.2° 1.7° 2.2° 2.7'
37W MR-16 IR (NFL)	A 25	3500	4000	6' 8' 10' 12'	55 3 35 4	7' 2.7' 5' 3.5' 4' 4.4' 3' 5.3'	5 7 9 11	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	3' 1	3.5' 10 5.2' 49 5.9' 27 8.7' 18	6.2 8.3	3.5	3' 5' 7' 9'	3.0' 5.0' 7.0' 9.0'	137 49 25 15	2.8 4.7 6.5 8.4	1.9' 3.1' 4.4' 5.6'
37W MR-16 IR (FL)	∧ 40°	2050	4000	4" 6" 8" 10"	57 4 32 5	.9' 2.9' .4' 4.4' .8' 5.8' .3' 7.3'	3 5 7 9	1.7 2.9 4.0 5.2	148 53 27 16	3.0° 5.1° 7.1° 9.1°	2.5 4.2 5.9 7.6	2 3	1.7'25 3.5'64 5.2'28 5.9'16	9.7	2.9	3 4 5 6	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)	a.	13,100	3500	8 12 16 20	91 1 51 2	1.3' 1.3' 1.9' 1.9' 2.5' 2.5' 3.1' 3.1'	710	0' 5.8' 3' 7.5'	174 85 50 33	1.5 2.1 2.7 3.4	1.3' 1.8' 2.4' 2.9'	4' 6 5' 8 6' 1	.2' 18 .9' 10 .7' 6 0.4 4	2 2.6 5 3.2 5 3.8	1.3' 1.6' 1.9'	5' 7' 9' 11'	5.0' 7.0 9.0' 1 1.0 '	185 95 57 38	1.6 2.2 2.8 3.5	1.1 1.6 2.0 2.4
42W MB-15 NFL (EYS)	A 27'	2400	4000	4' 6' 8' 10'	67 2 38 3 24 4	1.9' 1.9' 2.9' 2.9' 3.8' 3.8' 4.8' 4.8'	357	5 2.9 7 4.0 7 5.2	173 62 32 19	2.0° 3.3° 4.6° 5.9°	1.7 2.8 3.9 5.0	2' 3 3' 5 4' 6	.7' 30 15' 7 12' 3 19' 1	5 4.6 3 7.0 9 9.3	1.9 2.9 3.6	3' 4' 5' 6'	3.0 4.0' 5.0' 6.0'	94 53 34 24	3.1' 4.1' 5.1' 6.1'	2.0' 2.7' 3.4' 4.1'
50W MR-16 NSP (EXT)	Å.	10,200	4000	8' 12' 16' 20'	71 2 40 3 26 4	2.0' 2.0' 2.9' 2.9' 3.8' 3.9' 4.9' 4.9'	7	377.57 579.21	135 66 39 28	2.3 3.3 4.3 5.3	2.0' 2.8' 3.7' 4.5'	4' 6 5' 8 5' 1	5.2' 14 5.9' 8 3.7' 5 0.4' 3	0 4.1 1 5.1 5 6.2	2.0 2.5 2.9	5' 7' 9' 11'	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 MR-16 NFL (EXZ)	A 27	3400	4000	6' 8' 10' 12'	53 3 34 4 24 5	2.9' 2.9' 3.8' 3.8' 4.6' 4.8' 5.8' 5.8'	1	7 4.0' 9 5.2' 1 6.4'	88 45 27 18	3.3 4.6 5.9 7.2	2.8' 3.9' 5.0' 6.1'	3' 5' 6 5' 6	8.5' 10 5.2' 4 3.9' 2 3.7' 1	7 7.0 7 9.3 7 11.0	2.9 3.6 4.8	3 5 7 9	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'
50W MR-16 FL (EXN)	40"	1850	4000	4' 6' 8' 10'	51 4 29 5 19 7	2.9' 2.9' 4.4' 4.4' 5.8' 5.8' 7.3' 7.3'		5 2.9 7 4.0 7 5.2	134 48 25 15	3.0' 5.1' 7.1' 9.1'	2.5 4.2 5.9 7.6	2" 3 3' 4	1.7' 23 3.5' 5 5.2' 2 5.9' 1	8 9.7 6 14.1 4 19.3	2.9' 5' 4.4' 3' 5.8'	3' 4' 5' 6'	3.0' 4.0' 5.0' 6.0'	73 41 26 18	5.0' 6.7' 8.4' 10.1'	3.1' 4.1' 5.1' 6.2'
50W MR-16 WFL (FNV)	55*	1150	4000	3' 5' 7' 9'	45 23 14	3.1' 3.1' 5.2' 5.2' 7.3' 7.3' 9.4' 9.4'		5 2.9 7 4.0 5 5.2	83 30 15 9	4.6' 7.6' 10.7' 13.7'	3.6' 6.0' 8.4' 10.8'	2' 3' 4'	3.5' 3 5.2' 1 5.9' 9	6 66.1 89.	5' 4.2' 8' 6.2' 1' 8.3'	2' 3' 4' 5'	2.0° 3.0° 4.0° 5.0°	102 45 25 16	5.7' 8.6' 11.4' 14.3'	2.9' 4.4' 5.9' 7.4'
73W MR-16	۸ ۱۰	14000	4000	8' 12' 16' 20'	97 2 55 3 35 3	1.4' 1.4' 2.1' 2.1' 2.8' 2.9' 3.5' 3.5'	7 11 13 10	0 5.8 3 7.5 6 8.2	186 91 54 36	1.6' 2.3' 3.0' 3.7'	1.4 2.0 2.6 3.2	4' 5' 6'	5.2' 19 8.9' 10 8.7' 7 10.4' 4	9 2.9 0 3.6 9 43	1.4 1.7 2.1	5' 7' 9' 11'	5.0' 7.0' 9.0' 11.0'	198 101 61 41	1.8 2.5 3.2 3.8 4.4	1.2° 1.7° 2.5° 2.7'
73W MR-16	36 [.]	2500	4000	4' 6' 8' 10'	59 3 39 9 25 0	2.5' 2.6' 3.8' 3.8' 5.2' 5.2' 6.5' 6.5'	3 5 7 9	2.9	180 65 33 20 159	2.7' 4.5' 6.3' 6.1' 2.3'	2.3' 3.8' 5.3' 6.6' 2.0'	2' 3' 4'	1.7 31 3.5 7 5.2 3 <u>6.9 2</u> 5.2 1	8 7.5 5 11.4	2.6 3.9 2 5.2	3 4 5 6 5	3.0° 4.0' 5.0' 6.0'	98 55 35 25 170	4.4 5.8 7.3 6.7 2.5	2.8 3.7 4.6 5.5
75W MR-16 NSP (FYF)	Ň.	12,000	4000	8' 12' 16' 20'	83 47 30	2.0° 2.0° 2.9° 2.9° 3.9° 3.9° 4.9° 4.9°	1	0' 5.8' 3' 7.5' 6' 9.2'	78 40 30	3.3 4.3 5.3	2.8' 3.7' 4.5'	4' 5' 6' 1	6.9' 9 8.7' 6 10.4' 4	4 4.1 0 5.1 2 6.2	1' 2.0' 1' 2.5' 2' 2.9'	7' 9' 11'	7.0' 9.0' 11.0'	87 52 35	3.5 4.5 5.5	2.4' 3.1' 3.8'
75W MR-16 NFL (EYJ)	A 25	4900	4000	6' 8' 10' 12'	77 49 34	2.7' 2.7' 3.5' 3.5' 4.4' 4.4' 5.3' 5.3	1	5' 2.9' 7' 4.0' 9' 5.2' 11' 6.4'	127 65 39 26	3.0' 4.2' 5.4' 6.6'	2.6' 3.6' 4.6' 5.6'	3 4 5	5.2' 6 6.9' 3 8.7 3	53 4.3 8 6.3 8 8.3 25 10	2' 2.7' 3' 3.5' 4' 4.4'	3' 5' 7' 9' 3'	3.0' 5.0' 7.0' 9.0' 3.0'	192 69 35 21 62	2.8' 4.7' 6.5' 8.4'	1.9' 3.1' 4.4' 5.6' 3.3'
75W MR-16 FL (EYC)	A2"	2100	4000	4' 6' 8' 10'	58 33 21	3.1' 3.1 4.6' 4.6 6.1' 6.1 7.7' 7.7		3' 1.7' 5' 2.9' 7' 4.0' 9' 5.2'	152 55 28 17	3.2 5.4 7.5 9.7	2.7' 4.4' 6.2' 6.0	2' 3' 4'	3.5' (5.2')	63 5. 6 11. 9 16. 16 22.	0' 3.1' 5' 4.6'	4 4 5	3.0 4.0' 5.0' 6.0'	46 30 21	5.4 7.2 9.0 10.8	3.3 4.3 5.4 6.5
MR-16 HAL	OGEN LOW V	/OLTAGE	BI-PIN LA			MINIZED							5 2 1	46 2.4	r 17		5.0'	148	1.9	1.4
50W MR-16 NSP	۸ ۱۰	10,500	3500	8' 12' 16' 20'	41 26	1.5' 1.5 2.3' 2.3 3.1' 3.1 3.9' 3.9	1	7' 4.0' 0' 5.8' 3' 7.5' 6' 9.2'	139 68 40 27	1.8 2.6 3.3 4.1	1.6 2.2 2.9 3.6	4' 5' 6' 1	6.9 8 8.7 5 10.4 3	12 3.1 13 4.0 16 4.8	2 1.5 7 1.9 8 2.3	5' 7' 9' 11'	5.0' 7.0' 9.0' 11.0' 3.0'	148 76 46 31 118	2.7' 3.5' 4.3' 2.8'	1.9 1.9 2.5 3.0 1.9
50W MR-16 NFL	∧ ₂5°	3000	3500	6' 8' 10' 12'	47 30 21	2.7' 2.7' 3.5' 3.5' 4.4' 4.4' 5.3' 5.3'	1	5' 2.9' 7' 4.0' 9' 5.2' 11' 6.4'	78 40 24 16	3.0' 4.2' 5.4' 6.6'	2.6' 3.6' 4.6' 5.6'	3' 4' 5'	5.2' 6.9' 8.7'	2 6. 3 8. 5 10	2' 2.7' 3' 3.5' .4 4.4'	3 5 7 9	5.0' 7.0' 9.0'	42 22 13	4.7' 6.5' 8.4'	1.9 3.1' 4.4' 5.6' 3.1'
50W MR-16 FL	∧ 40°	1900	3500	4' 6' 8' 10'	119 53 30 19	2.9' 2.9 4.4' 4.4 5.8' 5.8 7.3' 7.3		3' 1.7' 5' 2.9' 7' 4.0' 9' 5.2'	137 49 25 15	3.0' 5.1' 7.1' 9.1'	2.5' 4.2' 5.9' 7.6'	2'	2.9° 4.0°	38 4.1 59 9.1 26 14 15 19	7' 2.9' .5' 4.4'	3' 4' 5' 6'	3.0' 4.0' 5.0' 6.0'	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

www.lightolier.com

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710 We reserve the right to change details of design, materials and finish. © 2011 Genlyte Group LLC • C0711