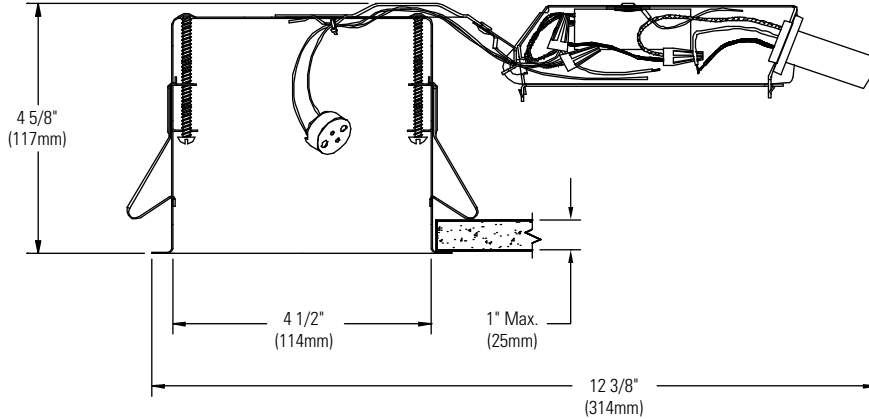
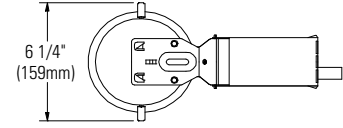




Lytecaster® Recessed Downlight **401MRE**

Page 1 of 2 4 3/4" Aperture LytePoints® Low Voltage MR16 12V Low-Profile Elec. Remodeler (Non-IC)



Complete fixture consists of Reflector Trim & Power Pack. Select each separately.

Power Pack	Cut-out	Reflector Trim
401MRE	4 3/4" (121mm)	Accepts all 4 3/4" (12mm) Low Voltage MR16 trims 400 series: See Reflector Trim specification sheets.

Features

- Power Pack:** Ideal for remodeling. Swivel junction box for tight plenum spaces. Snap-off covers permits wiring from below.
- Housing:** 25 ga. galvanized steel.
- Residence Mounting Clip:** Factory-installed; zinc plated spring steel; free-hand installation.
- Socket:** Porcelain body; Two-pin (GX5.3 base) Pre-wired with 18 ga. Teflon® 250° leads to junction box.
- Transformer:** Electronic, 60VA, Class 2 transformer, 120 volt primary, nominal 12 volt secondary.
- Thermal Protector:** Meets CSA/UL requirements. Insulation, if used, must be kept 3" (76mm) away from luminaire sides and junction box.

Accessories

Thermal Protector Replacement: 1970

Labels

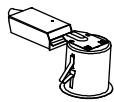
CSA, UL Damp or Wet location rated depending on trim used.

Teflon® is a registered trademark of E.I. DuPont.

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

Lightolier a Genlyte Thomas 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.
 © 2002 Genlyte Thomas Group LLC (Lightolier Division) • A0902

LIGHTOLIER®



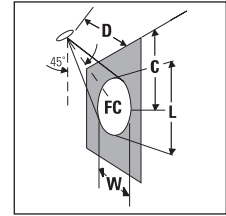
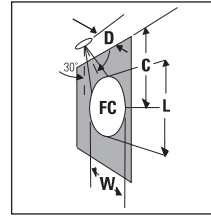
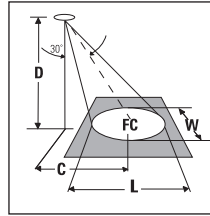
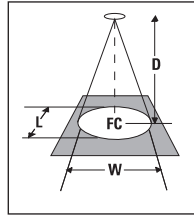
Lytecaster® Recessed Downlight 401MRE

Page 1 of 2 4 3/4" Aperture LytePoints® Low Voltage MR16 12V Low-Profile Elec. Remodeler (Non-IC)

(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 photo-metrics. Contact lamp manufacturers for availability and performance.



Lamps Beam Spread (To 50% CBCP) CBCP Rated Life (Hrs.)

MR16 Low Voltage Halogen Bi-Pin Lamps

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	W
20W MR16 VNSP (EZZ)	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'		6' 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 MR16 NSP (ESX)	13°	3600	3000	16' 32	2.0'	2.0'		15' 8.7'	24	2.3'	2.1'		5' 8.7'	41	2.5'	1.2'		10' 10.0'	29	2.5	1.7'	
				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'	1.6'	
20W MR16 FL (BAB)	40°	525	4000	10' 36	2.3'	2.3'		9' 5.2'	29	2.7'	2.4'		4' 6.9'	28	3.8'	1.8'		7' 7.0'	26	3.2'	2.3'	
				12' 25	2.7'	2.7'		11' 6.4'	19	3.4'	2.9'		5' 8.7'	18	4.7'	2.3'		9' 9.0'	16	4.2'	2.9'	
				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'	
35W MR16 NSP (FRB)	12°	8700	4000	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'	
				10' 87	2.1'	2.1'		7' 4.0'	48	2.1'	1.8'		3' 5.2'	50	2.8'	1.4'		4' 4.0'	12	6.7'	4.1'	
				13' 51	2.7'	2.7'		12' 6.9'	39	3.4'	2.9'		4' 6.9'	68	3.5'	1.7'		5' 5.0'	48	3.4'	2.4'	
35W MR16 SP (FRA)	20°	3900	4000	16' 34	3.4'	3.4'		15' 8.7'	25	4.2'	3.6'		5' 8.7'	44	4.3'	2.1'		10' 10.0'	31	4.3'	3.0'	
				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'	
35W MR16 FL (FMW)	40°	1600	4000	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'	
				12' 27	4.2'	4.2'		11' 6.4'	21	5.2'	4.5'		5' 8.7'	20	7.8'	3.5'		9' 9.0'	17	6.6'	4.5'	
				4' 100	2.9'	2.9'		3' 1.7'	115	3.0'	2.5'		1' 1.7'	200	4.8'	1.5'		3' 3.0'	63	5.0'	3.1'	
37W MR16 IR (NSP)	10°	11500	4000	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'	22	14.5'	4.4'		5' 5.0'	23	8.4'	5.1'	
				10' 16	7.3'	7.3'		9' 5.2'	13	9.1'	7.6'		4' 6.9'	13	19.3'	5.8'		6' 6.0'	16	10.1'	6.2'	
37W MR16 IR (NFL)	25°	3500	4000	6' 180	1.4'	1.4'		7' 4.0'	152	1.6'	1.4'		3' 5.2'	160	2.1'	1.0'		5' 5.0'	163	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 MR16 IR (FL)	40°	2050	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'	
				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'	
				6' 57	4.4'	4.4'		5' 2.9'	53	5.1'	4.2'		2' 3.5'	64	9.7'	2.9'		4' 4.0'	45	6.7'	4.1'	
42W MR16 VNSP (EZY)	9°	13,100	3500	8' 32	5.8'	5.8'		7' 4.0'	27	7.1'	5.9'		3' 5.2'	28	14.5'	4.4'		5' 5.0'	29	8.4'	5.1'	
				10' 21	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'	
				8' 205	1.3'	1.3'		7' 4.0'	174	1.5'	1.3'		3' 5.2'	182	1.9'	0.9'		5' 5.0'	185	1.6'	1.1'	
42W MR16 NFL (EYS)	27°	2400	4000	12' 91	1.9'	1.9'		10' 5.8'	85	2.1'	1.8'		4' 6.9'	102	2.6'	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'	1.6'		9' 9.0'	57	2.8'	2.0'	
				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'	
50W MR16 NSP (Ext)	14°	10,200	4000	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'	94	3.1'	2.0'	
				6' 67	2.9'	2.9'		5' 2.9'	62	3.3'	2.8'		2' 3.5'	75	4.6'	1.9'		4' 4.0'	53	4.1'	2.7'	
				8' 38	3.8'	3.8'		7' 4.0'	32	4.6'	3.9'		3' 5.2'	33	7.0'	2.9'		5' 5.0'	34	5.1'	3.4'	
50W MR16 NFL (EXZ)	27°	3400	4000	10' 24	4.8'	4.8'		9' 5.2'	19	5.9'	5.0'		4' 6.9'	19	9.3'	3.6'		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'	
				12' 71	2.9'	2.9'		10' 5.8'	66	3.3'	2.8'		4' 6.9'	80	4.1'	2.0'		7' 7.0'	74	3.5'	2.4'	
50W MR16 FL (EXN)	40°	1850	4000	16' 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'	
				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'	
50W MR16 WFL (FNV)	55°	1150	4000	8' 53	3.8'	3.8'		7' 4.0'	45	4.6'	3.9'		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	5.9'	5.0'		4' 6.9'	27	9.3'	3.6'		7' 7.0'	25	7.1'	4.8'	
				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'	
75W MR16 NSP (EYF)	14°	12,000	4000	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'	
				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'	
75W MR16 NFL (EYJ)	25°	4900	4000	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'	
				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'	
75W MR16 FL (EYC)	42°	2100	4000	7' 23	7.3'	7.3'		7' 4.0'	15	10.7'	8.4'		3' 5.2'	16	66.8'	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'	
				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'	

Job Information Type:

Lightolier a Genlyte Thomas 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.
© 2002 Genlyte Thomas Group LLC (Lightolier Division) • A0902

LIGHTOLIER®