

Ceiling Cutout: 5 1/16" (129 mm) Dia.

Reflector Trim	Frame-In Kit		
C4MRD CLW Specular Clear, White Flange	Non-IC 120V/277V	Non-IC AirSeal® 120V/277V	IC AirSeal® 120V
C4MRD CLP Specular Clear, Polished Flange	C4LVMU Magnetic 120/277V	C4ALVMU Magnetic 120/277V	C4AICLVM1 Magnetic 120V
C4MRD Add suffix. See options for Non-IC 120V/277V	C4LVE1 Electronic 120V	C4ALVE1 Electronic 120V	C4AICLVE1 Electronic 120V
	42-75W MR16(12V)	42-75W Lensed Horizontal MR16(12V) Lamping	20-50W MR16(12V)
		Remodel Frame-In Kit	
		Non-IC 120V	
		C4LVE1RM 50W Max. MR16 (12V)	See C4LVE1RM specification sheet for more information.

Note: Magnetic transformers may produce audible sound when used with dimmers, which may be objectionable in acoustically critical areas.

Features

- Reflector:** 16 ga. aluminum, 50° visual cutoff to lamp and lamp image. Available with painted white or polished flange. Interchangeable with other Evolution 4 1/2" low voltage trims.
- Lamp Support:** Die-formed aluminum with spring tension clips to hold lamp and lens allowing fast snap-in, snap-out relamping from below. Matte black finish. Cover glass may be replaced with a color filter or lens accessory.
- Cover Glass:** High temperature, tempered glass. Perimeter frost.
- Socket Harness:** Porcelain bi-pin socket. Pre-wired with No. 18 PTFE leads.
- Power Harness:** Provides power to transformer.
- Frame-In Kit:** Compatible Frame-In Kits are listed above.
 - Non-IC and Non-IC AirSeal® - Insulation must be kept 3" away from fixture sides and wiring compartments, and must not be placed above fixture in a manner which will entrap heat.
 - IC-AirSeal® - Fixture may be in direct contact with insulation.
- Maximum Ceiling Thickness:** 2"

Options & Accessories

Cone Finishes¹

Clear: CL	Gold: GD	White: WH
Black: BK		
Comfort Clear Diffuse: CCD		
Champagne Bronze: CCZ		

Options & Accessories (continued)

Specify desired flange: **W** White; **P** Polished

Evolution 4" Trims with Non-IC and AIC Frames

C4MRD 1 Secondary Color Lens or 1 Mixing Color Lens- or 1 Specialty Filter

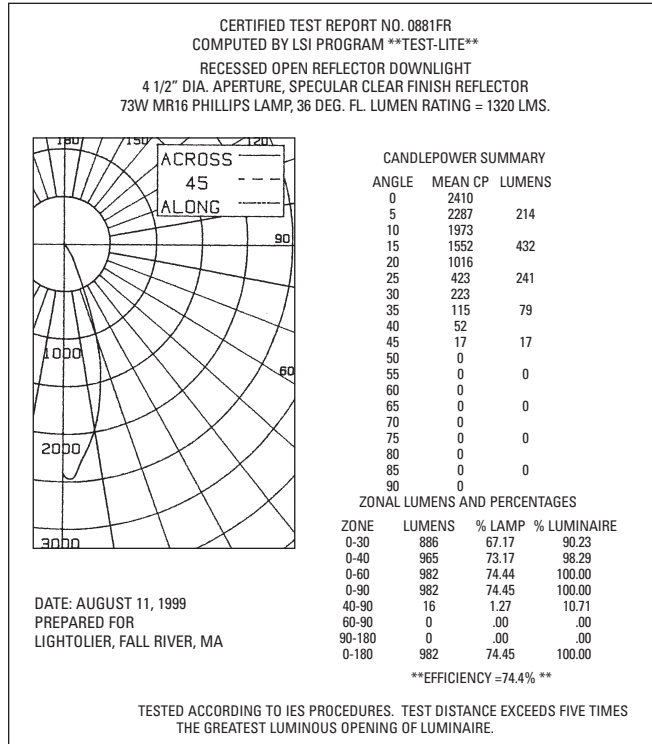
Labels

UL Listed (suitable for damp locations), I.B.E.W.

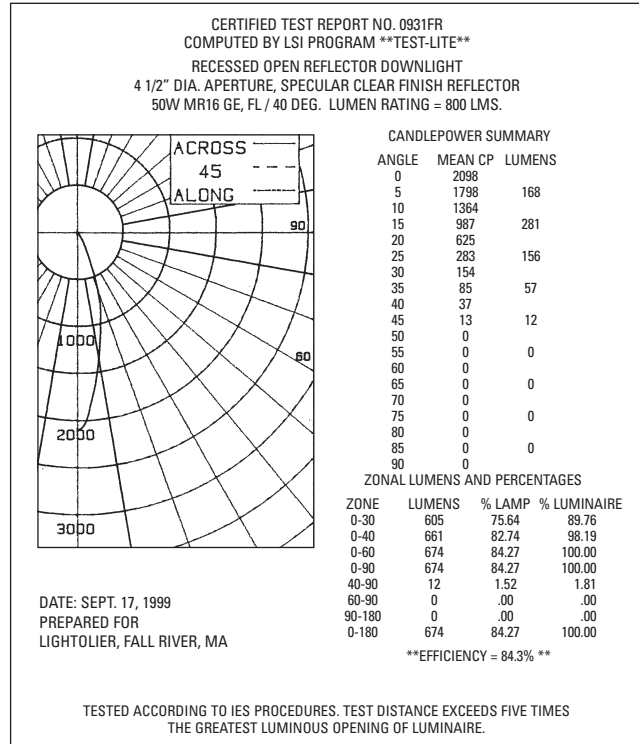
Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

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.
 www.lightolier.com © 2011 Philips Group • D0811

SPACING RATIO = 0.6



SPACING RATIO = 0.5



COEFFICIENTS OF UTILIZATION
 % EFFECTIVE CEILING CAVITY REFLECTANCE

ROOM CAVITY RATIO	% EFFECTIVE CEILING CAVITY REFLECTANCE						% WALL REFLECTANCE						% FLOOR CAVITY REFLECTANCE													
	80		70		50		30		10		0		80		70		50		30		10		0			
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
1	.85	.83	.82	.83	.82	.81	.80	.79	.78	.77	.77	.76	.75	.74	.74	.73	.73	.73	.72	.71	.72	.71	.70	.69	.69	.67
2	.81	.79	.77	.80	.78	.76	.77	.76	.75	.75	.74	.73	.73	.73	.72	.71	.72	.71	.70	.69	.68	.67	.66	.65	.65	.63
3	.78	.76	.74	.77	.75	.73	.75	.74	.72	.74	.72	.71	.72	.71	.70	.69	.71	.69	.68	.67	.66	.65	.64	.63	.62	.62
4	.75	.73	.71	.75	.72	.70	.73	.71	.69	.72	.70	.69	.70	.68	.66	.69	.67	.66	.65	.64	.63	.62	.61	.60	.60	.58
5	.73	.70	.68	.72	.69	.68	.71	.69	.67	.70	.68	.66	.69	.67	.65	.66	.65	.64	.63	.62	.61	.60	.59	.58	.57	.56
6	.71	.68	.66	.70	.67	.66	.69	.67	.65	.68	.66	.65	.67	.66	.64	.66	.64	.63	.62	.61	.60	.59	.58	.57	.56	.55
7	.68	.65	.63	.68	.65	.63	.67	.65	.63	.66	.64	.63	.66	.64	.62	.65	.63	.62	.61	.60	.59	.58	.57	.56	.55	.54
8	.66	.63	.61	.65	.63	.61	.65	.63	.61	.65	.62	.61	.64	.62	.60	.63	.61	.60	.59	.58	.57	.56	.55	.54	.53	.52
9	.64	.61	.59	.64	.61	.59	.63	.61	.59	.63	.60	.59	.62	.60	.58	.61	.59	.58	.57	.56	.55	.54	.53	.52	.51	.50
10	.62	.60	.57	.62	.60	.57	.61	.59	.57	.61	.59	.57	.61	.59	.57	.60	.58	.57	.56	.55	.54	.53	.52	.51	.50	.49

Conversion Factors
 75W MR16 FL: Clear, C.U. x 1.00; Diffuse, C.U. x 0.85; Gold C.U. x 0.95

COEFFICIENTS OF UTILIZATION
 % EFFECTIVE CEILING CAVITY REFLECTANCE

ROOM CAVITY RATIO	% EFFECTIVE CEILING CAVITY REFLECTANCE						% WALL REFLECTANCE						% FLOOR CAVITY REFLECTANCE													
	80		70		50		30		10		0		80		70		50		30		10		0			
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
1	.96	.94	.93	.94	.93	.92	.91	.90	.89	.88	.87	.86	.85	.84	.83	.82	.81	.80	.79	.78	.77	.76	.75	.74	.73	.72
2	.92	.90	.88	.90	.88	.87	.88	.86	.85	.85	.84	.83	.83	.82	.81	.80	.79	.78	.77	.76	.75	.74	.73	.72	.71	.70
3	.88	.86	.84	.87	.85	.83	.85	.83	.82	.84	.82	.80	.82	.81	.79	.78	.77	.76	.75	.74	.73	.72	.71	.70	.69	.68
4	.85	.83	.80	.85	.82	.80	.83	.81	.79	.81	.79	.78	.80	.78	.77	.76	.75	.74	.73	.72	.71	.70	.69	.68	.67	.66
5	.83	.79	.77	.82	.79	.77	.80	.78	.76	.79	.77	.75	.78	.76	.75	.74	.73	.72	.71	.70	.69	.68	.67	.66	.65	.64
6	.80	.77	.75	.80	.77	.74	.78	.76	.74	.77	.75	.74	.77	.75	.74	.73	.72	.71	.70	.69	.68	.67	.66	.65	.64	.63
7	.78	.74	.72	.77	.74	.72	.76	.73	.72	.75	.73	.71	.75	.72	.71	.70	.69	.68	.67	.66	.65	.64	.63	.62	.61	.60
8	.75	.72	.70	.74	.72	.70	.74	.71	.69	.73	.71	.69	.73	.70	.69	.68	.67	.66	.65	.64	.63	.62	.61	.60	.59	.58
9	.73	.70	.68	.73	.70	.68	.72	.69	.67	.71	.69	.67	.71	.69	.67	.66	.65	.64	.63	.62	.61	.60	.59	.58	.57	.56
10	.71	.68	.66	.71	.68	.65	.70	.67	.65	.70	.67	.65	.69	.67	.65	.64	.63	.62	.61	.60	.59	.58	.57	.56	.55	.54

Conversion Factors:
 20W to 50W MR16 FL: Clear, C.U.x 1.00; Diffuse / Gold, C.U.x 0.95.

Job Information **Type:**

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.
 www.lightolier.com © 2011 Philips Group • D0811