

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

Reflector Trim		Frame-In Kit		
C4MRGA	Etched White Interior and Flange	Non-IC 120V/277V	Non-IC AirSeal® 120V/277V	IC AirSeal® 120V
		C4LVMU Magnetic 120/277V	C4ALVMU Magnetic 120/277V	C4AICLVM1 Magnetic 120V
		C4LVE1 Electronic 120V	C4ALVE1 Electronic 120V	C4AICLVE1 Electronic 120V
		C4LVE2 Electronic 277V 42-75W MR16(12V)	42-75W MR16(12V)	20-50W MR16(12V)
		Remodel Frame-In Kit		
		Non-IC 120V		
		C4LVE1RM 50W Max. MR16 (12V)	See separate 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

- Glasslite:** One piece borosilicate glass with integral flange, etched interior and white ceramic coated exterior. Etched white cone finish emits a subtle glow. Hinged, and snaps onto lampholder assembly for easy tool-less installation. Interchangeable with other Evolution 4 1/2" low voltage trims. Suitable for spas, hot tubs, and other wet environments.
- Lampholder Assembly:** Die-cast aluminum. Built-in aperture shield blocks view into fixture. 45° vertical tilt (35° max. with remodel frame-in kit), 360° horizontal rotation; are lockable to hold position. Hot aiming is possible with a phillips screwdriver. Matte black finish. Lamp shield keeps interior of fixture dark.
- Lamp Support:** Die-formed aluminum with knurled surface for easy gripping during relamping. Spring tension clips hold lamp and lens and allow fast snap-in, snap-out relamping. Matte black finish.
- Vertical /Horizontal Locking:** Single screw adjustment; independent locking system.
- Socket Harness:** Porcelain bi-pin socket. Pre-wired with No. 18 Teflon® leads.
- Power Harness:** Provides power to transformer,
- Frame-In Kit:** Compatible frame-in kits are listed above. See separate frame-in kit specification sheets for details.
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:** .875", 1.75" with C4TCA2 accessory (see C4TCA2 specification sheet for details)

Options and Accessories

Evolution 4" Trims with Non-IC Frames

C4MRGA 1 Secondary Color Lens *or* 1 Mixing Color Lens *and* 1 Specialty Filter

Labels

CULUS Listed (suitable for wet locations), I.B.E.W.

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

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

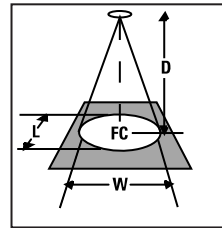
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
 We reserve the right to change details of design, materials and finish.
 www.lightolier.com © 2011 Philips Group • F0811

Accent Lighting Performance Data

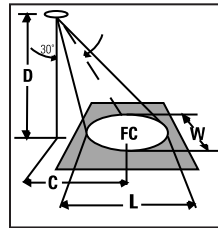
(FC) is initial footcandles at center of beam. Beam length (L) and beam width (W) are to where the candlepower is reduced to 50% of the center beam candlepower.

CBCP is center beam candlepower.
(C) is distance to the center of the beam.

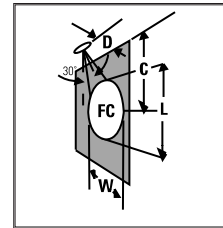
Lamp data shown is typical, and is based on bare lamp photometrics. Contact lamp manufacturers for availability and performance.



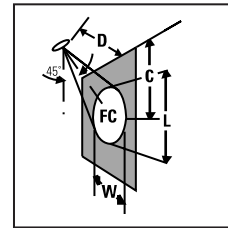
0° Aiming Angle



30° Aiming Angle



30° Aiming Angle



45° Aiming Angle

Lamps	Beam Spread (To 50% CBCP)	CBCP	Rated Life (Hrs.)	D	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W
20W MR16 VNSP (EZC)	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'
				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'
20W MR16 NSP (ESX)	13°	3600	5000	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'
				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'
20W MR16 FL (BAB)	40°	525	5000	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'
				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'
				4'	33	2.9'	2.9'	4'	2.3'	21	4.1'	3.4'	3'	5.2'	7	14.5'	4.4'	4'	4.0'	12	6.7'	4.1'
				5'	21	3.6'	3.6'	5'	2.9'	14	5.1'	4.2'	4'	6.9'	4	19.3'	5.8'	5'	5.0'	7	8.4'	5.1'
35W MR16 NSP (FRB)	12°	8700	4000	7'	178	1.5'	1.5'	6'	3.5'	157	1.7'	1.5'	2'	3.5'	272	1.7'	0.8'	4'	4.0'	192	1.7'	1.2'
				10'	87	2.1'	2.1'	9'	5.2'	70	2.5'	2.2'	3'	5.2'	121	2.6'	1.3'	6'	6.0'	85	2.6'	1.8'
				13'	51	2.7'	2.7'	12'	6.9'	39	3.4'	2.9'	4'	6.9'	68	3.5'	1.7'	8'	8.0'	48	3.4'	2.4'
				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'
35W MR16 SP (FRA)	20°	3900	4000	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'
				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'
35W MR16 FL (FMW)	40°	1600	4000	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'
				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 NSP	10°	11500	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'
				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'
37W MR16 IR NFL	25°	3500	4000	6'	97	2.7'	2.7'	5'	2.9'	91	3.0'	2.6'	2'	3.5'	109	4.2'	1.8'	3'	3.0'	137	2.8'	1.9'
				8'	55	3.5'	3.5'	7'	4.0'	46	4.2'	3.6'	3'	5.2'	49	6.2'	2.7'	5'	5.0'	49	4.7'	3.1'
				10'	35	4.4'	4.4'	9'	5.2'	28	5.4'	4.6'	4'	6.9'	27	8.3'	3.5'	7'	7.0'	25	6.5'	4.4'
				12'	24	5.3'	5.3'	11'	6.4'	19	6.6'	5.6'	5'	8.7'	18'	10.4'	4.4'	9'	9.0'	15	8.4'	5.6'
37W MR16 IR FL	40°	2050	4000	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'
				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'
42W MR16 VNSP (EZY)	9°	13100	3500	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'
				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°	10200	4000	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'
				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'
50W MR16 NFL (EXZ)	27°	3400	6000	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'
				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'
50W MR16 FL (EXN)	40°	1850	6000	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'
				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'
50W MR16 WFL (FNV)	55°	1150	4000	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'
				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'
73W MR16 SP	10°	14000	4000	8'	219	1.4'	1.4'	7'	4.0'	186	1.6'	1.4'	3'	5.2'	194	2.1'	1.0'	5'	5.0'	198	1.8'	1.2'
				12'	97	2.1'	2.1'	10'	5.8'	91	2.3'	2.0'	4'	8.9'	109	2.9'	1.4'	7'	7.0'	101	2.5'	1.7'
				16'	55	2.8'	2.8'	13'	7.5'	54	3.0'	2.6'	5'	8.7'	70	3.6'	1.7'	9'	9.0'	61	3.2'	2.5'
				20'	35	3.5'	3.5'	16'	9.2'	36	3.7'	3.2'	6'	10.4'	49	4.3'	2.1'	11'	11.0'	41	3.8'	2.7'
73W MR16 FL	36°	2500	4000	4'	156	2.5'	2.6'	3'	1.7'	180	2.7'	2.3'	1'	1.7'	313	3.8'	1.3'	3'	3.0'	98	4.4'	2.8'
				6'																		