

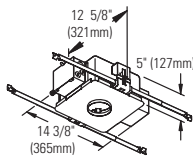


# Calculite® Evolution Pinhole Adjustable Accent **C3MRPA**

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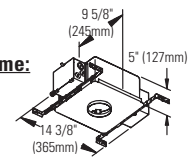
**Non-IC Frame:**

- C3LV
- C3LVE1
- C3LVE2



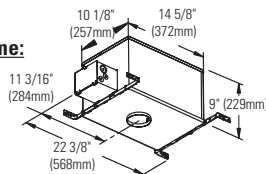
**Non-IC AirSeal Frame:**

- C3ALV
- C3ALVE1
- C3ALVE2



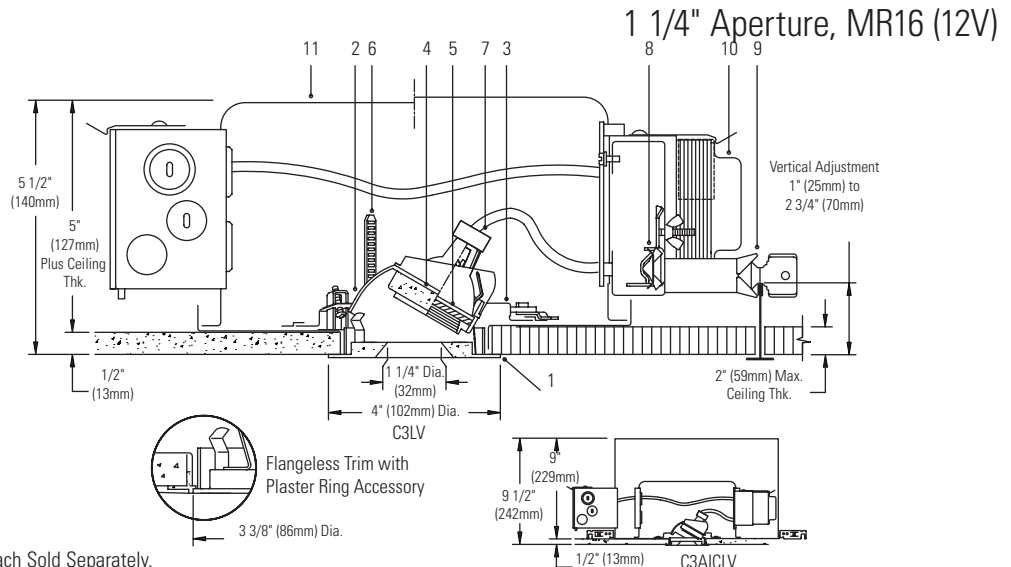
**IC AirSeal Frame:**

- C3AICLV
- C3AICLVE1



**Ceiling Cutout:** 3 1/2" (130mm) Dia.

**For Complete Fixture Order:** Trim Kit + Frame-In Kit. Each Sold Separately.



Trim Kit	Trim Plate			Frame-In Kit	Lamp*		
Baffle Finish	Painted White	Satin Aluminum	Flangeless	<b>C3LV</b> Non-IC	Magnetic 120/277V	42W-65W MR16 (12V)	
Matte White	<b>C3MRPA WH</b>	<b>NA</b>	<b>C3MRPA WHFT</b>	<b>C3LVE1</b> Non-IC	Electronic 120V	20W-65W MR16 (12V)	
Matte Black	<b>C3MRPA BK</b>	<b>NA</b>	<b>C3MRPA BKFT</b>	<b>C3LVE2</b> Non-IC	Electronic 277V	20W-65W MR16 (12V)	
Satin Aluminum	<b>NA</b>	<b>C3MRPA SA</b>	<b>C3MRPA SAFT</b>	<b>C3ALV</b> Non-IC AirSeal®	Magnetic 120/277V	42W-65W MR16 (12V)	
				<b>C3ALVE1</b> Non-IC AirSeal®	Electronic 120V	20W-65W MR16 (12V)	
				<b>C3ALVE2</b> Non-IC AirSeal®	Electronic 277V	20W-65W MR16 (12V)	
				<b>C3AICLV</b> IC AirSeal®	Magnetic 120V	20W-50W MR16 (12V)	
				<b>C3AICLVE1</b> IC AirSeal®	Electronic 120V	20W-50W MR16 (12V)t	

**Note:** Magnetic not recommended for residential or noise sensitive areas.

**Features**

- 1. Trim Kit Baffle/Trim Plate :** One piece machined aluminum, sharp details for clean look. 1 1/4" dia. miniature baffle and built-in aperture shield minimize and blocks view into fixture. Keyed to lamp support assembly for true aiming of lamp to prevent incorrect installation of cone. Hinged, and snaps on for easy tool-less installation. Trim plate in painted white or anodized satin aluminum. Flangeless trim uses Plaster Trim Ring accessory. Interchangeable with other 3" Evolution trims.
- 2. Trim Kit Vertical Adjustment Mechanism:** Die-cast aluminum. Built-in aperture shield blocks view into fixture. Provides 0°- 35° vertical tilt up to 1" thick ceiling, less in thicker ceilings; lockable 25° maximum tilt in ceilings 1.25" - 2" thick. EZ-Aim Helical Drive System provides fast and accurate hot aiming with Philips screwdriver.
- 3. Horizontal Adjustment Mechanism:** Die-form steel ring, matte black finish. Provides 362° horizontal stop, lockable with Philips screwdriver.
- 4. Lamp Support:** Die-form 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. Accepts one 2" dia. accessory.
- 5. Cover Glass:** High temperature, soft focus lens.
- 6. Thick Ceiling Ready Brackets:** Die-form steel, matte black finish. Adjust trim kit vertically to accommodate up to 2" thick ceiling, lockable.
- 7. Lampholder:** Porcelain bi-pin socket. Pre-wired with No.18 AWG Teflon leads.
- 8. Frame Vertical Adjustment Mechanism (C3LV):** Accommodates mounting to virtually any ceiling system using pre-installed mounting bars, or 1/2" EMT tubing (by others). Single locking features secures all adjustments. Alignment holes and markings allow fixture to be pre-set prior to installation. Final adjustment can be made from below inside fixture.
- 9. Mounting Bars (C3LV):** Galvanized steel, 0.048"; pre-installed telescoping bars extend from 20" to 30" long and lock securely into position. Built-in locking tabs provide positive attachment to common T-bar systems. Self-centering feature simplified installation in 24"O.C. grid systems. Attaches to steel or wood joists without accessories.
- 10. Transformer:** Replaceable from below. Magnetic: 120V/277V 60 Hz. dual-voltage, core & coil. Note: Magnetic not recommended for residential or

noise sensitive areas. Electronic: 120V or 277V 50/60 Hz., regulated lamp voltage, HPF, EMI and circuit protections, thermal auto-reset, quiet operation.

- 11. Frame-In Kit:** See Frame-In Kit specification sheets for more information. **Non-IC and Non-IC AirSeal®** - Insulation must be kept 3" away from any parts of the luminaire and must not be placed above luminaire in a manner which will entrap heat. **IC AirSeal®** - Luminaire may be in direct contact with thermal insulation.

**Labels**

U.L. (Suitable For Damp Locations), I.B.E.W.

\* Lamp wattage restriction for Non-IC: 65W for up to 1" thick ceiling, 50W for ceiling thickness greater than 1" (up to 2").

**Options and Accessories**

- 2" dia. Color Filters/Specialty filters: See ADF2/AF2 specification sheets
- 2" dia. Louver: AL2HC
- Plaster Trim Ring (use with flangeless trim): CA3FMR
- Chicago Plenum: Consult Factory

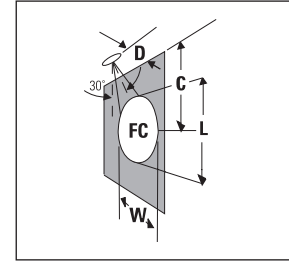
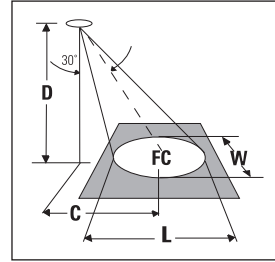
Job Information	Type:
<b>Job Name:</b>	
<b>Cat. No.:</b>	
<b>Lamp(s):</b>	
<b>Notes:</b>	

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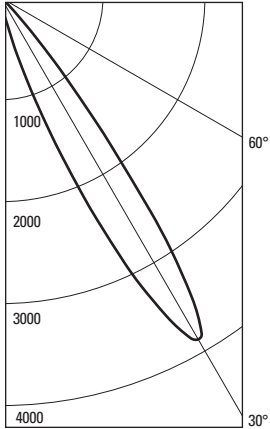
**LIGHTOLIER®**



(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. (C) is the distance to the center of the beam. Footcandles are based on photometry with luminaire, with lamp aimed at 30° from vertical.



**CANDLEPOWER DISTRIBUTION**



**37W MR16 (12V) IR - 10° Spot**

ANGLE	WALL	AIMED 30° TOWARD WALL
0	92	
5	113	REFLECTOR TRIM: <b>C3MRPABK</b>
10	150	SYLVANIA HALOGEN LAMP
15	465	120V ELECTRONIC TRANSFORMER
20	1397	LUMEN RATING = 840 LMS
25	2873	CBCP= 3869 cd
30	3869	BEAM ANGLE = 15°
35	2549	
40	796	CERTIFIED TEST REPORT NO. 2740FR
45	150	DATE: Sep 24, 2004
50	40	**TEST-LITE**
55	12	
60	3	
65	0	
70	0	
75	0	
80	0	
85	0	
90	0	

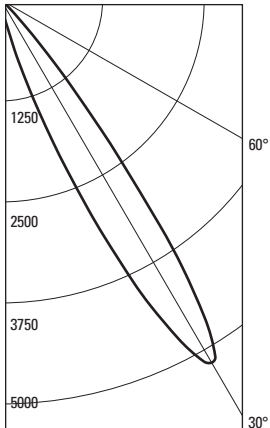
**30° Aiming Angle  
Horizontal Surface**

D	C	FC	L	W
6'	3.5'	70	2.1'	1.8'
8'	4.6'	39	2.8'	2.4'
10'	5.8'	25	3.5'	3.0'
12'	6.9'	17	4.2'	3.6'
15'	8.7'	11	5.3'	4.6'

**30° Aiming Angle  
Vertical Surface**

D	C	FC	L	W
2'	3.5'	146	2.2'	1.1'
3'	5.2'	65	3.3'	1.6'
4'	6.9'	37	4.4'	2.1'
6'	10.4'	16	6.7'	3.2'
8'	13.9'	9	8.9'	4.2'

**CANDLEPOWER DISTRIBUTION**



**50W MR16 (12V) - 10° Spot**

ANGLE	WALL	AIMED 30° TOWARD WALL
0	124	
5	152	REFLECTOR TRIM: <b>C3MRPABK</b>
10	202	SYLVANIA HALOGEN LAMP
15	624	120V ELECTRONIC TRANSFORMER
20	1872	LUMEN RATING = 1125 LMS
25	3849	CBCP= 5183 cd
30	5183	BEAM ANGLE = 15°
35	3414	
40	1066	CERTIFIED TEST REPORT NO. 2718FR
45	202	DATE: Sep 2, 2004
50	55	**TEST-LITE**
55	17	
60	5	
65	0	
70	0	
75	0	
80	0	
85	0	
90	0	

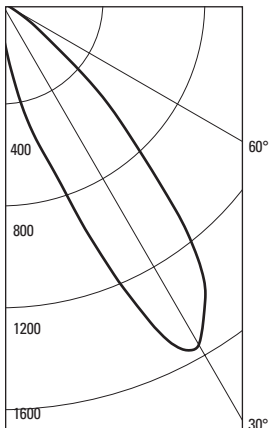
**30° Aiming Angle  
Horizontal Surface**

D	C	FC	L	W
6'	3.5'	94	2.1'	1.8'
8'	4.6'	53	2.8'	2.4'
10'	5.8'	34	3.5'	3.0'
12'	6.9'	23	4.2'	3.6'
15'	8.7'	15	5.3'	4.6'

**30° Aiming Angle  
Vertical Surface**

D	C	FC	L	W
2'	3.5'	195	2.2'	1.1'
3'	5.2'	88	3.3'	1.6'
4'	6.9'	49	4.4'	2.1'
6'	10.4'	22	6.7'	3.2'
8'	13.9'	12	8.9'	4.2'

**CANDLEPOWER DISTRIBUTION**



**50W MR16 (12V) - 25° Narrow Flood**

ANGLE	WALL	AIMED 30° TOWARD WALL
0	73	
5	154	REFLECTOR TRIM: <b>C3MRPABK</b>
10	339	SYLVANIA HALOGEN LAMP
15	583	120V ELECTRONIC TRANSFORMER
20	915	LUMEN RATING = 800 LMS
25	1386	CBCP= 1553 cd
30	1553	BEAM ANGLE = 26°
35	1399	
40	1069	CERTIFIED TEST REPORT NO. 2719FR
45	665	DATE: Oct 27, 2004
50	336	**TEST-LITE**
55	160	
60	58	
65	6	
70	0	
75	0	
80	0	
85	0	
90	0	

**30° Aiming Angle  
Horizontal Surface**

D	C	FC	L	W
6'	3.5'	29	3.8'	3.2'
8'	4.6'	17	5.0'	4.3'
10'	5.8'	11	6.3'	5.3'
12'	6.9'	7	7.5'	6.4'
15'	8.7'	5	9.4'	8.0'

**30° Aiming Angle  
Vertical Surface**

D	C	FC	L	W
2'	3.5'	78	4.4'	1.8'
3'	5.2'	35	6.6'	2.8'
4'	6.9'	20	8.8'	3.7'
6'	10.4'	9	13.2'	5.5'
8'	13.9'	5	17.6'	7.4'

**Job Information** **Type:**

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