

Ceiling Cutout: 8" (203 mm) Dia.

Reflector Trim	Frame-In Kit	Lamp
<b>8067 CL</b> Clear Iridescence Free, Flangeless	<b>7213LPM120</b> Magnetic 2-pin 120V	<b>(2) 13W Twin Tube</b>
<b>8067 CLW</b> Clear Iridescence Free, White Flange	<b>7213LPM277</b> Magnetic 2-pin 277V	<b>(2) 13W Twin Tube</b>
<b>8067 CLP</b> Clear Iridescence Free, Polished Flange		
<b>8067 WH</b> Matte White, Flangeless		
<b>8067 WHW</b> Matte White, White Flange and Cone		
<b>8067</b> <input type="checkbox"/> Add suffix. See options for other finishes.		

### Features

- 1. Reflector:** 16 ga. Alzak® aluminum, 50° visual cutoff to lamp and lamp image.
- 2. Parabolic Louver:** 18ga. prefinished reflector aluminum, 50° visual cutoff to lamp and lamp image. Snap-in, snap-out system allows easy louver removal for lamping. Louver / reflector / socket support can be rotated up to 40° for horizontal alignment.
- 3. Mounting Frame:** Die-cast aluminum for dry or plaster ceilings.
- 4. Socket Support:** Die-formed steel with venting to dissipate heat. Assures lamps maintain proper optical alignment to reflector. Can be rotated with reflector / louver for horizontal alignment. Pre-wired with No. 18 ga. AWM leads.
- 5. Mounting Brackets:** 16 ga. steel. Adjust from inside of fixture. Use 3/4" or 1 1/2" lathing channel, 1/2" EMT, or optional mounting bars.
- 6. Ballast/J-Box:** Outboard mounted to reduce heat transfer and maintain lamp efficacy and life. Service from below without tools.

### Electrical

**Note:** For ballast electrical data and latest lamp/ballast compatibility refer to "Ballast" specification sheet for complete electrical data.

UL listed for through branch circuit wiring with max of (8) No. 12 AWG, 90° C supply conductors.

### Options and Accessories

#### Comfort Clear™ Finishes¹

Clear **CCL**  
Diffuse **CCD**

¹Specify Desired Flange

**P**-polished, **W**-white

Blank - Molded Trim Ring

### Options and Accessories (continued)

Emergency Add suffix **EM\***  
Chicago Plenum Add suffix **LC**  
Emergency Ltg. Kit **FAEMIT**  
Fuse (Slow Blow) Add Suffix **F**  
\*See Spec. Sheets: FAEM

Mounting Bars & Accessories; see Specification Sheet MBA.  
Sloped Ceiling Adapters; see Specification Sheet SCA.

### Labels

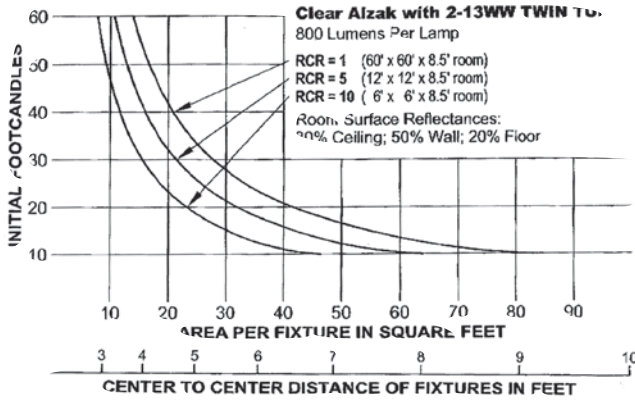
UL listed for damp locations, I.B.E.W.

Alzak® is a registered trademark of ALCOA.

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

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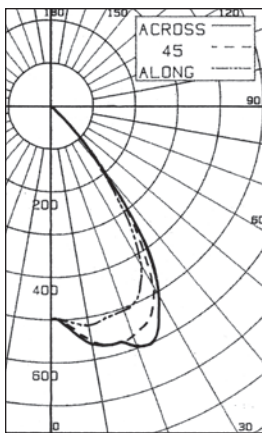
### Quick Calculator



Use quick calculator chart to determine spacing of luminaires for desired level of illumination

### Spacing Ratio = 1.3

CERTIFIED TEST REPORT NO. 1162FR  
COMPUTED BY LSI PROGRAM \*\*TEST-LITE\*\*  
CALCULITE LOW PROFILE RECESSED 7" HORIZONTAL FLUORESCENT DOWNLIGHT  
SPECULAR CLEAR FINISH REFLECTOR AND CROSS BLADE  
2-13W TWIN TUBE SYLVANIA COMPACT FLUORESCENT LAMPS. LUMEN RATING = 800 LMS.  
MAGNETEK BALLAST, CAT.# 4114 PBES, 120V AC



CAVITY POWER DATA  
IN 2.5 DEGREE STEPS

ANGLE ALONG	22.5	45	67.5	ACROSS	OUTPUT LUMENS
0	496	496	496	496	
5	506	506	515	522	49
10	519	530	556	564	
15	510	535	576	582	157
20	506	528	570	578	
25	488	504	548	572	245
30	426	435	480	524	
35	305	323	346	387	214
40	159	183	198	191	
45	67	83	91	76	71
50	14	19	26	18	
55	3	2	4	2	6
60	1	1	1	1	
65	0	0	0	0	0
70	0	0	0	0	
75	0	0	0	0	0
80	0	0	0	0	
85	0	0	0	0	0
90	0	0	0	0	

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	451	28.23	60.81
0-40	665	41.59	89.61
0-60	742	46.38	99.93
0-90	742	46.42	100.00
40-90	77	4.82	10.39
60-90	0	.03	.07
90-180	0	.00	.00
0-180	742	46.42	100.00

\*\* EFFICIENCY = 46.4% \*\*

**COEFFICIENTS OF UTILIZATION ZONAL CAVITY METHOD**  
%EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

ROOM CAVITY RATIO	80			70			50			30			10			0
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	
1	.52	.51	.50	.51	.50	.49	.49	.48	.48	.47	.47	.46	.46	.45	.45	.44
2	.49	.47	.46	.48	.46	.45	.46	.45	.44	.45	.44	.43	.44	.43	.42	.42
3	.46	.44	.42	.45	.43	.42	.44	.42	.41	.43	.42	.40	.42	.41	.40	.39
4	.43	.41	.39	.43	.40	.39	.42	.40	.38	.41	.39	.38	.40	.38	.37	.37
5	.40	.38	.36	.40	.37	.36	.39	.37	.35	.38	.37	.35	.38	.36	.35	.34
6	.38	.35	.34	.38	.35	.33	.37	.35	.33	.36	.34	.33	.36	.34	.33	.32
7	.35	.33	.31	.35	.33	.31	.35	.32	.31	.34	.32	.31	.34	.32	.30	.30
8	.33	.31	.29	.33	.30	.29	.32	.30	.29	.32	.30	.28	.32	.30	.28	.28
9	.31	.28	.26	.31	.28	.26	.30	.28	.26	.30	.28	.26	.29	.28	.26	.25
10	.29	.26	.24	.29	.26	.24	.28	.26	.24	.28	.26	.24	.28	.26	.24	.24

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES

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

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