

Ceiling Cutout: 6 9/16" (167 mm) Dia.

Reflector Trim		Frame-In Kit		Lamp
<b>8051CLW</b>	Clear Iridescence Free, White Flange	<b>6218HU</b>	Electronic 4-pin	120V - 277V
<b>8051CLP</b>	Clear Iridescence Free, Polished Flange	<b>6218H DU3</b>	PowerSpec® Dimming 4-pin	120V - 277V
<b>8051CL</b>	Clear Iridescence Free, Molded Trim Ring			
<b>8051</b>	Add suffix. See options for other finishes.			<b>(2) 18W Quad Tube</b>

## Features

- Reflector:** 16 ga. Specular Alzak® aluminum, 55° visual cutoff to lamp and lamp image, wide distribution. Iridescence Free finish. Self-flanged or flangeless with molded white trim ring (field paintable).
- Socket Cup:** Die-cast zinc cup effectively dissipates heat and positions lamp holder. Snaps onto reflector neck to assure consistently correct optical alignment without tools.
- Mounting Frame:** Die-cast aluminum for dry or plaster ceilings.
- Retaining Springs:** Precision-tooled steel friction springs secure reflector to mounting frame for quick, tool-less installation.
- 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.
- 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™ Finishes <sup>1</sup>		Other Finishes	
Clear	<b>CCL</b>	White	<b>WH</b>
Diffuse	<b>CCD</b>	Multigroove	<b>MG</b>
Champagne Bronze	<b>CCZ</b>		

<sup>1</sup>Specify desired flange

**W** White, **P** Polished  
Blank - Molded Ring

## Options and Accessories (continued)

Emergency	Add suffix <b>EM*</b>
Chicago Plenum	Add suffix <b>LC</b>
Existing/Thk.Ceiling	<b>FA EC6*</b>
Emergency Ltg. Kit	<b>FA EM3E* (4 Pin)</b>
	<b>FA EM4E* (4 Pin)</b>
	<b>FA EM1T* (2 Pin)</b>

Fuse (Slow Blow) Add Suffix **F**

\*See Spec. Sheets: FAEC, 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>	

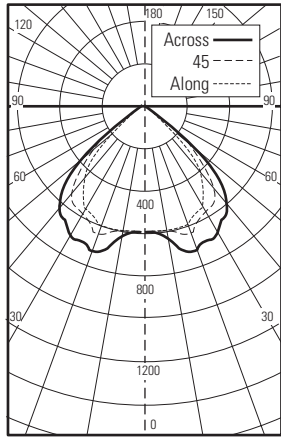
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### Spacing Ratio: Along= 1.3 Across=1.6

CERTIFIED TEST REPORT NO. 0053FR COMPUTED BY LSI PROGRAM \*\*TEST-LITE\*\*  
 CALCULITE 6" DIA. APERTURE RECESSED COMPACT FLOURESCENT OPEN DOWNLIGHT WITH  
 CLEAR IRIDESCENCE FREE FINISH 2-18W PL-C PHILIPS LAMPS. LUMEN RATING = 1250 LMS.



**\*\* EFFICIENCY = 50.1% \*\***  
 DATE: OCT 10, 1996

CANDLEPOWER SUMMARY						O U T P U T	
						LUMENS	
ANGLE ALONG	22.5	45	67.5	ACROSS			
0	588	588	588	588	588		
5	585	592	599	605	602	57	
10	588	606	622	639	650		
15	606	619	640	671	693	181	
20	600	602	658	669	701		
25	561	586	644	661	678	290	
30	541	574	606	634	663		
35	497	523	591	614	624	353	
40	420	452	510	549	562		
45	355	372	402	432	449	296	
50	212	219	221	233	241		
55	30	32	33	40	45	68	
60	6	6	6	6	6		
65	4	4	4	4	4	4	
70	3	3	3	3	2		
75	2	2	2	3	2	2	
80	2	1	2	3	2		
85	1	1	1	3	2	2	
90	1	1	1	4	1		

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	528	21.13	42.14
0-40	881	35.26	70.31
0-60	1245	49.82	99.35
0-90	1253	50.15	100.00
40-90	372	14.89	29.69
60-90	8	.33	.65
90-180	0	.00	.00
0-180	1253	50.15	100.00

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

### Coefficients Of Utilization

	% EFFECTIVE CEILING CAVITY REFLECTANCE																													
	80				70				50				30				10				0									
	% WALL REFLECTANCE																													
ROOM CAVITY RATIO	50			30			10			50			30			10			50			30			10			0		
	1	.55	.54	.53	.54	.53	.52	.52	.51	.50	.50	.49	.49	.48	.48	.47	.46	.46	.45	.44	.43	.43	.41	.41	.40	.39	.39	.37	.36	
2	.51	.49	.47	.50	.48	.47	.48	.47	.46	.47	.46	.45	.46	.45	.44	.43	.42	.41	.40	.39	.39	.38	.37	.36	.35	.34	.33	.32		
3	.47	.44	.42	.46	.44	.42	.45	.43	.41	.44	.42	.40	.43	.41	.40	.39	.38	.37	.36	.35	.34	.33	.32	.31	.30	.29	.28	.27		
4	.43	.40	.38	.43	.40	.38	.42	.39	.37	.41	.39	.37	.40	.38	.37	.36	.35	.34	.33	.32	.31	.30	.29	.28	.27	.26	.25	.24		
5	.40	.37	.34	.39	.36	.34	.39	.36	.34	.38	.35	.34	.37	.35	.33	.32	.31	.30	.29	.28	.27	.26	.25	.24	.23	.22	.21	.20		
6	.37	.33	.31	.36	.33	.31	.35	.33	.31	.35	.32	.30	.34	.32	.30	.29	.28	.27	.26	.25	.24	.23	.22	.21	.20	.19	.18	.17		
7	.34	.30	.28	.33	.30	.28	.32	.29	.27	.32	.29	.27	.31	.29	.27	.26	.25	.24	.23	.22	.21	.20	.19	.18	.17	.16	.15	.14		
8	.31	.27	.25	.30	.27	.25	.30	.27	.25	.29	.26	.24	.29	.26	.24	.23	.22	.21	.20	.19	.18	.17	.16	.15	.14	.13	.12	.11		
9	.28	.24	.22	.28	.24	.22	.27	.24	.22	.27	.24	.22	.26	.23	.22	.21	.20	.19	.18	.17	.16	.15	.14	.13	.12	.11	.10	.09		
10	.25	.22	.20	.25	.22	.19	.25	.22	.19	.24	.21	.19	.24	.21	.19	.18	.17	.16	.15	.14	.13	.12	.11	.10	.09	.08	.07	.06		

20% FLOOR CAVITY REFLECTANCE

#### Job Information

#### Type:

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