

**Ceiling Cutout: 9 1/4" (235 mm) Dia.**

Reflector Trim		Frame-In Kit	
<b>8038 TBW</b>	Clear Iridescence Free, White Flange	<b>S8242HU</b>	8" aperture, 2 lamp 26/32/42W Triple Tube CFL (120/277V) 4-Pin (Amalgam)
<b>8038 TBP</b>	Clear Iridescence Free, Polished Flange	<b>Dimming Options:</b>	
<b>8038 CTBW</b>	Comfort Clear, White Flange	<b>S8242H</b>	<input type="checkbox"/>
<b>8038 CTBP</b>	Comfort Clear, Polished Flange	<b>DU3</b>	Lightolier PowerSpec 3% Dimming (120/277V)
		<b>J2LD3</b>	Lutron 5% Dimming (277V)
		<b>J1MX</b>	Mark 10 Dimming (120V)
			Other dimming product available, please consult factory
		<b>J1LD3</b>	Lutron 5% Dimming (120V)
		<b>JUM7</b>	Mark 7 Dimming (120/277V)
		<b>J2MX</b>	Mark 10 Dimming (277V)
Remodeler Frame-In Kits			
		<b>8242HURM</b>	8" aperture, 2 lamp 26/32/42W Triple Tube CFL (120/277V) 4-Pin (Amalgam)

## Features

- 1. Reflector:** 16 ga. Specular Alzak® aluminum. Iridescence Free finish. Self-flanged trim.
- 2. Socket Bracket:** Die-formed steel, vented. Attaches to reflector for correct optical alignment.
- 3. Mounting Frame:** Die-cast aluminum for dry or plaster ceilings.
- 4. Retaining Springs:** Precision-tooled steel friction springs secure reflector to mounting frame for quick, tool-less installation.
- 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.
- 7. Turbo Louver:** Radial assembly; Specular Alzak® aluminum, removable and keyed for orientation. 50° visual cutoff, medium beam.

## 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

- Emergency Add suffix **EM\***
- Chicago Plenum Add suffix **LC**
- Emergency Ltg. Kit **FA EM3E\***  
**FA EM4E\***
- Fuse (Slow Blow) Add Suffix **F**

\* See Specification Sheet, **FA EM**

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

## Labels

UL Listed suitable (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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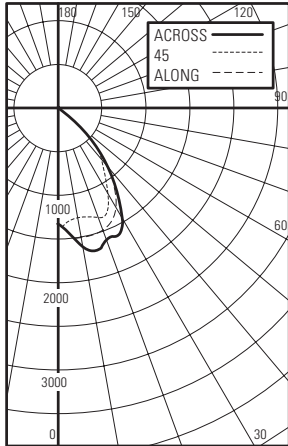
### 32W

Spacing Ratio: Along = 1.4 Across = 1.6

CERTIFIED TEST REPORT NO. LSC6639

COMPUTED BY LSC PROGRAM \*\*TEST-LITE\*\*

RECESSED 8-3/4" DIA. OPEN SPECULAR REFLECTOR AND THREE BLADE TURBO LOUVER WITH SPECULAR REFLECTOR AND SPECULAR TURBO BAFFLE  
TWO 32-WATT PL-T COMPACT FLUOR. LAMPS. LUMEN RATING =2400 LMS



CANDLE POWER SUMMARY					
ANGLE	ALONG	22.5	45	67.5	ACROSS LUMENS
0	1337	1337	1337	1337	
5	1306	1328	1367	1401	1429
10	1272	1284	1424	1537	1595
15	1293	1314	1500	1622	1691
20	1330	1376	1513	1625	1631
25	1323	1359	1470	1610	1608
30	1176	1231	1336	1423	1478
35	972	1007	1167	1106	1188
40	772	799	835	880	894
45	510	491	511	544	522
50	210	190	186	219	217
55	28	19	20	20	23
60	3	0	0	4	1
65	0	0	0	0	0
70	0	0	0	0	0
75	0	0	0	0	0
80	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1220	25.42	52.06
0-40	1902	39.63	81.17
0-60	2342	48.81	89.96
0-90	2341	48.88	100.00
40-90	441	9.20	18.83
60-90	0	.02	.84
90-180	0	0.00	0.00
0-180	2343	48.83	100.00

\*\* EFFICIENCY = 48.8% \*\*  
DATE: JUL 26 1996

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

### Coefficients Of Utilization

ROOM CAVITY RATIO	% EFFECTIVE CEILING CAVITY REFLECTANCE															
	80			70			50			30			10	0		
	% WALL REFLECTANCE															
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
1	.54	.53	.52	.53	.52	.51	.50	.49	.49	.49	.48	.48	.47	.46	.46	
2	.51	.49	.47	.50	.48	.46	.48	.47	.45	.47	.45	.44	.45	.44	.43	
3	.47	.45	.43	.36	.44	.42	.45	.43	.42	.44	.42	.41	.43	.42	.40	
4	.44	.41	.39	.43	.41	.39	.42	.40	.3	.41	.39	.38	.40	.39	.37	
5	.41	.38	.36	.40	.38	.36	.39	.37	.35	.39	.37	.35	.38	.36	.34	
6	.38	.35	.33	.38	.35	.33	.37	.34	.33	.36	.34	.32	.36	.34	.31	
7	.35	.32	.30	.35	.32	.30	.34	.32	.30	.34	.31	.30	.33	.31	.29	
8	.33	.30	.27	.32	.29	.27	.32	.29	.27	.31	.29	.27	.31	.29	.26	
9	.30	.27	.25	.30	.27	.25	.29	.27	.25	.29	.26	.25	.28	.26	.24	
10	.28	.25	.23	.27	.25	.23	.27	.24	.22	.27	.24	.22	.26	.24	.22	

20% FLOOR CAVITY REFLECTANCE

For 26W lamps, multiply C.U.'s by 0.95

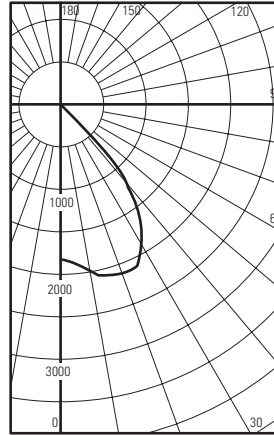
### 42W

Spacing Ratio: 1.4

CERTIFIED TEST REPORT NO. LSC6698

COMPUTED BY LSC PROGRAM \*TEST-LITE\*

LIGHTOLIER RECESSED COMPACT FLUOR. DOWNLIGHT WITH SPECULAR REFLECTOR AND SPECULAR TURBO BAFFLE  
TWO 42W PL-T COMPACT FLUORESCENTS. LUMEN RATING =3200 LMS



CANDLE POWER SUMMARY		
ANGLE	MEAN CP	LUMENS
0	1833	
5	1880	186
10	1999	
15	2104	592
20	2121	
25	2104	951
30	1892	
35	1585	968
40	1159	
45	687	528
50	254	
55	42	67
60	10	
65	0	2
70	0	
75	0	0
80	0	
85	0	0
90	0	

ZONAL LUMENS AND PERCENTAGES			
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1729	27.02	52.49
0-40	2697	42.15	81.86
0-60	3292	51.45	99.93
0-90	3294	51.48	100.00
40-90	597	9.34	18.14
60-90	2	.03	.07
90-180	0	0.0	0.0
0-180	3294	51.48	100.0

\*\* EFFICIENCY = 51.5% \*\*  
DATE: SEPT 4, 1996  
PREPARED FOR:  
LIGHTOLIER

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

### Coefficients Of Utilization

ROOM CAVITY RATIO	% EFFECTIVE CEILING CAVITY REFLECTANCE															
	80			70			50			30			10	0		
	% WALL REFLECTANCE															
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
1	.57	.56	.55	.56	.55	.54	.54	.53	.52	.52	.51	.51	.50	.50	.49	
2	.53	.51	.49	.52	.50	.49	.51	.49	.48	.49	.48	.47	.48	.47	.46	
3	.50	.47	.45	.49	.47	.45	.48	.46	.44	.46	.45	.43	.45	.44	.43	
4	.46	.44	.41	.46	.43	.41	.45	.42	.41	.44	.42	.40	.43	.42	.40	
5	.43	.40	.38	.43	.40	.38	.42	.39	.37	.42	.39	.37	.40	.38	.36	
6	.40	.37	.35	.40	.37	.35	.39	.36	.34	.38	.36	.34	.38	.36	.34	
7	.37	.34	.32	.37	.34	.32	.36	.33	.32	.35	.33	.32	.35	.33	.31	
8	.34	.31	.29	.34	.31	.29	.34	.31	.29	.33	.30	.29	.32	.30	.28	
9	.32	.29	.26	.31	.28	.26	.31	.28	.26	.31	.28	.26	.30	.28	.26	
10	.29	.26	.24	.29	.26	.24	.29	.26	.24	.28	.26	.24	.28	.25	.23	

20% FLOOR CAVITY REFLECTANCE

### Job Information

### Type:

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