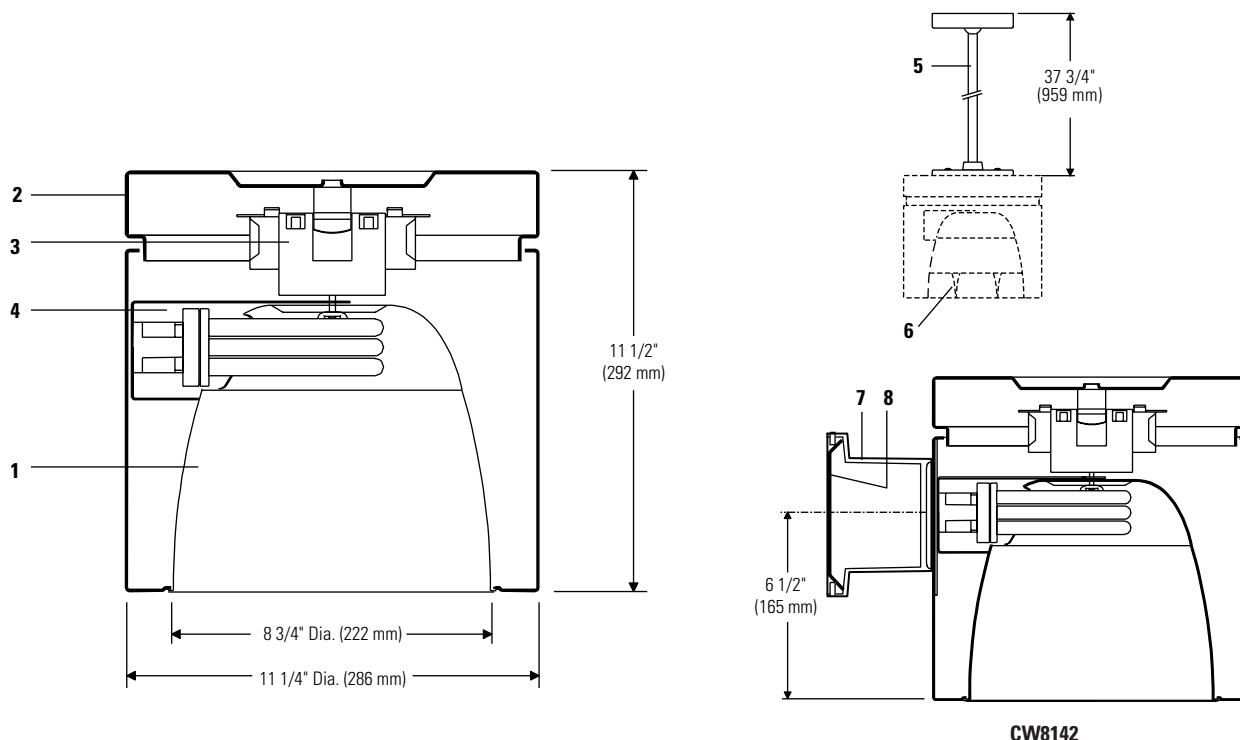


**Complete Fixture Ceiling Mount**

CS8142HUCL	Clear Iridescence Free Reflector, White Housing	120V - 277V
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Lamp

26W/32W/42W Triple Tube
4-Pin (Amalgam)

Complete Fixture Wall Mount

CW8142HUCL	Clear Iridescence Free Reflector, White Housing	120V - 277V
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Lamp

26W/32W/42W Triple Tube
4-Pin (Amalgam)

Features

- 1. Reflector:** 16 ga. Specular Alzak® aluminum, 55° visual cutoff to lamp and lamp image, wide distribution. Iridescence Free finish.
- 2. Housing:** Seamless, heavy-gauge aluminum. Two part construction provides ventilation. Returned edge precisely seats reflector. Matte white finish.
- 3. Ballast:** Mounted on support bracket, can be easily removed for service.
- 4. Socket Bracket:** Die-formed steel. Attaches to reflector for correct optical alignment.
- 5. Stem Kit:** Cat. No. FA CSA36: Provided with 1/2" dia. stem and 4 1/2" dia. canopy. Self aligning swivel provides maximum 38° vertical adjustment. Installs over 4" octagonal outlet box. Stem can be cut to length on site. Matte white baked enamel finish.
- 6. (Optional) Turbo Louver:** (not shown) Specular clear Alzak® aluminum deep reflector with removable radial louver assembly combines good efficiency with a shield aperture, 50° cutoff to lamp.
- 7. Crossbar:** Install over 4" octagonal or rectangular outlet box.
- 8. Bracket:** One piece cast aluminum with integral backplate.

Electrical

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

UL listed for 90°C supply conductors.

Options and Accessories**Other Housing and Reflector Finishes**

Consult Factory

Frame & Mounting

Dimming	Consult Factory
Fuse (Slow Blow)	Add Suffix F
Turbo Louver	Add Suffix TB

Labels

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

Alzak® is a registered trademark of ALCOA.

US Patent Pending.

Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:



Calculite® Compact Fluorescent Surface Cylinder **CS8142**

Page 2 of 2

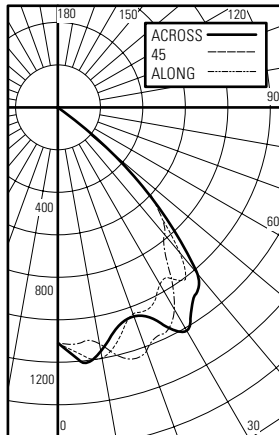
8" Aperture Triple Tube (4-Pin) Ceiling & Wall Mount

Spacing Ratio = 1.5

CERTIFIED TEST REPORT NO. 0213FR (Based on Recessed fixture 8038CLW/8142HE120)
COMPUTED BY LSC PROGRAM **TEST-LITE**
CALCULITE 8 3/4" HORIZONTAL COMPACT FLUORESCENT RECESSED DOWNLIGHT
WITH CLEAR IRIDESCENCE FREE FINISH REFLECTOR
1-42W P-LT TRIPLE TUBE COMPACT FLUORESCENT LAMP. LUMEN RATING = 3200 LMS.

CANDLEPOWER SUMMARY

OUTPUT
LUMENS



ANGLE ALONG	22.5	45	67.5	ACROSS	
0	1110	1110	1110	1110	1110
5	1112	1131	1167	1185	1197
10	1126	1187	1196	1166	1155
15	1220	1226	1112	1058	1072
20	1212	1167	1024	1019	1036
25	1166	1058	1025	1106	1115
30	1079	1006	949	1117	1201
35	879	927	989	1080	1094
40	762	780	872	984	997
45	616	596	603	647	655
50	354	347	349	330	327
55	37	39	46	52	50
60	1	1	1	2	2
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	928	29.01	43.82
0-40	1544	48.26	72.91
0-60	2117	66.19	99.99
0-90	2118	66.20	100.00
40-90	573	17.93	27.09
60-90	0	.01	.01
90-180	0	.00	.00
0-180	2118	66.20	100.00

** EFFICIENCY = **66.2%** **
DATE: NOV 6, 1996
PREPARED FOR: LIGHTOLIER, MA

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																	
		50	30	10	50	30	10	50	30	10	50	30	10	50	30	10			0
ROOM CAVITY RATIO	1	.73	.71	.70	.72	.70	.69	.69	.68	.67	.66	.65	.64	.64	.63	.63	.61		
	2	.68	.65	.63	.67	.64	.62	.64	.62	.61	.62	.61	.59	.61	.59	.58	.57		
	3	.62	.59	.56	.61	.58	.56	.60	.57	.55	.58	.56	.54	.57	.55	.53	.52		
	4	.58	.54	.51	.57	.54	.51	.56	.53	.50	.54	.52	.50	.53	.51	.49	.48		
	5	.53	.49	.46	.53	.49	.46	.51	.48	.46	.50	.47	.45	.49	.47	.45	.44		
	6	.49	.45	.42	.49	.45	.42	.48	.44	.41	.47	.43	.41	.46	.43	.41	.40		
	7	.45	.41	.38	.45	.40	.37	.44	.40	.37	.43	.39	.37	.42	.39	.37	.36		
	8	.41	.37	.34	.41	.36	.33	.40	.36	.33	.39	.36	.33	.39	.35	.33	.32		
	9	.38	.33	.30	.37	.33	.30	.37	.33	.30	.36	.32	.30	.35	.32	.29	.28		
	10	.34	.30	.27	.34	.30	.27	.33	.29	.27	.33	.29	.26	.32	.29	.26	.25		
20% FLOOR CAVITY REFLECTANCE																			

Job Information

Type:

Lightolier a Genlyte Thomas Company
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.
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LIGHTOLIER