

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

Reflector Trim

- 8038 CLW** Clear Iridescence Free, White Flange
- 8038 CLP** Clear Iridescence Free, Polished Flange
- 8038 CL** Clear Iridescence Free, Molded Trim Ring
- 8038** Add suffix. See options for other finishes.

Frame-In Kits

- S8242HU** 8" aperture, 2 lamp 26/32/42W Triple Tube CFL (120/277V) 4-Pin (Amalgam)
- Standard Dimming Options:
- S8242H**
 - CU3** Lightolier PowerSpec 3% Dimming (120/277V)
 - J1LD3** Lutron 3% Dimming (120V)
 - J2LD3** Lutron 3% Dimming (277V)
 - JUM7** Mark 7 Dimming (120/277V)
 - J1MX** Mark 10 Dimming (120V)
 - J2MX** Mark 10 Dimming (277V)

Other dimming product available, please consult factory

Remodeler Frame-In Kits

- 8242HURM** 8" aperture, 2 lamp 26/32/42W Triple Tube CFL (120/277V) 4-Pin (Amalgam)

Features

- 1. Reflector:** 16 ga. Specular Alzak® aluminum, 55° visual cutoff to lamp and lamp image, medium distribution. Iridescence Free finish. Self-flanged or flangeless with molded white trim ring (field paintable).
- 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.

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 degree C supply conductors.

Options and Accessories

Comfort Clear™ Finishes ¹		Other Finishes	
Clear	CCL	White	WH
Diffuse	CCD		
Champagne Bronze	CCZ		
Pewter	CPW		

¹Specify desired flange

W White, **P** Polished

Blank - Molded Ring

Options and Accessories (continued)

- Emergency Add suffix **EM***
- Chicago Plenum Add suffix **LC**
- Emergency Ltg. Kit **FA EM3E***
- FA EM4E***
- 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.

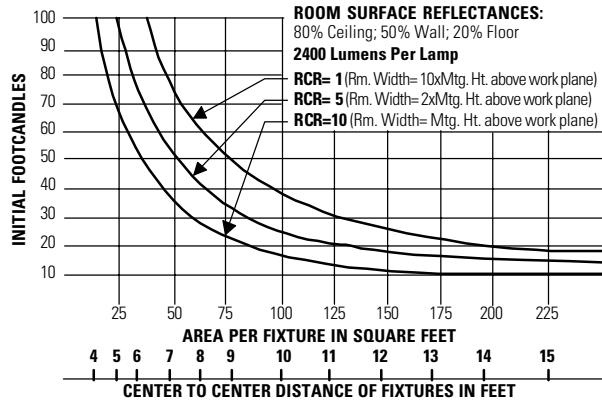
US Patent Pending

Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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32W

Quick Calculator

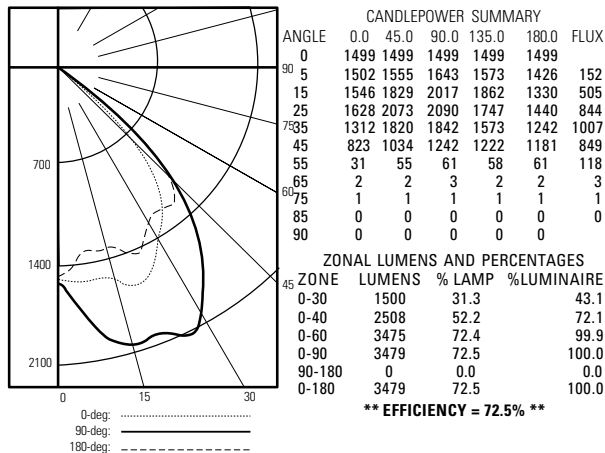


This quick calculator chart determines the number and spacing of 2 ft. - 32 W PL-T units with clear reflector: for any level of illumination. For 26W lamps, multiply footcandles by 0.8.

Spacing Ratio: Along = 1.4 Across = 1.6

CERTIFIED TEST REPORT NO. ITL44462
INDEPENDENT TESTING LABORATORIES, INC.
RECESSED CALCULITE DOWNLIGHT

8-11/16" APERTURE SPECULAR CLEAR REFLECTOR
TWO PHILIPS 32-WATT 32W/35/4P TRIPLE U-TUBE. COMPACT FLUORESCENTS.
HORIZONTAL POSITION. LUMEN RATING =2400 LMS



DATE: Dec 4, 1995

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

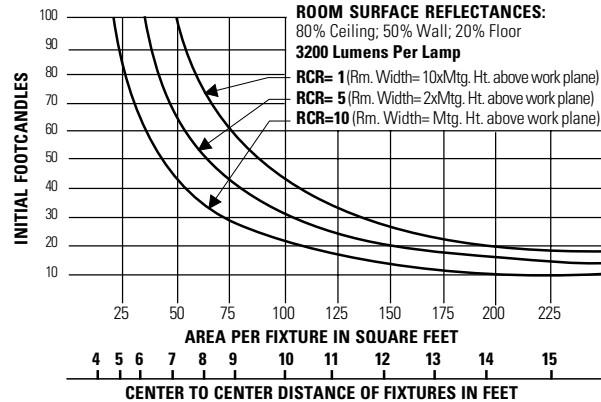
Coefficients of Utilization

ROOM CAVITY RATIO	% EFFECTIVE CEILING CAVITY REFLECTANCE																							
	80				70				50				30				10				0			
	50	30	10	0	50	30	10	0	50	30	10	0	50	30	10	0	50	30	10	0				
1	.79	.77	.75	.78	.76	.74	.75	.73	.72	.72	.71	.70	.69	.68	.68	.66								
2	.72	.69	.66	.71	.68	.65	.69	.66	.64	.66	.64	.62	.64	.62	.61	.60								
3	.66	.62	.58	.65	.61	.58	.63	.59	.57	.61	.58	.56	.59	.57	.55	.54								
4	.60	.55	.52	.59	.55	.51	.58	.54	.51	.56	.53	.50	.55	.52	.49	.48								
5	.55	.50	.46	.54	.49	.46	.53	.49	.45	.51	.48	.45	.50	.47	.44	.43								
6	.50	.45	.41	.50	.45	.41	.48	.44	.41	.47	.43	.40	.46	.43	.40	.39								
7	.46	.41	.37	.46	.41	.37	.45	.40	.37	.44	.40	.37	.43	.39	.36	.35								
8	.42	.37	.34	.42	.37	.34	.41	.37	.33	.40	.36	.33	.40	.36	.33	.32								
9	.39	.34	.31	.39	.34	.31	.38	.34	.30	.37	.33	.30	.37	.33	.30	.29								
10	.36	.31	.28	.36	.31	.28	.35	.31	.28	.35	.31	.28	.34	.30	.28	.26								

20% FLOOR CAVITY REFLECTANCE
For 26W lamps, multiply C.U.'s by 1.1.

42W

Quick Calculator

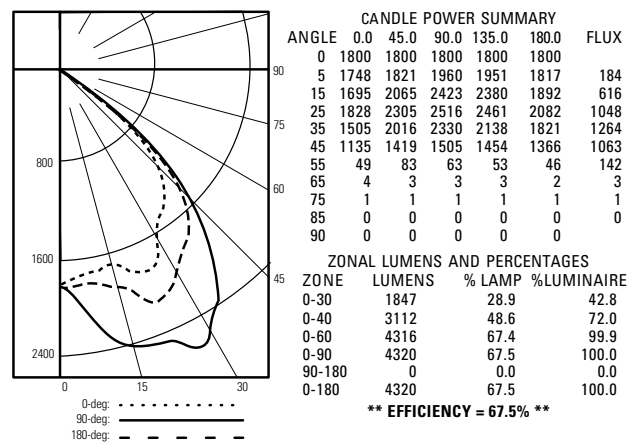


This quick calculator chart determines the number and spacing of 2 ft. - 42 Watt PL-T units with clear reflector: for any level of illumination.

Spacing Ratio: Along = 1.4 Across = 1.7

CERTIFIED TEST REPORT NO. ITL44463
INDEPENDENT TESTING LABORATORIES, INC.

RECESSED CALCULITE DOWNLIGHT 8038CLIF/8242HE120
8" APERTURE SPECULAR CLEAR REFLECTOR
TWO PHILIPS 42-WATT PL-T 42W/4P TRIPLE U-TUBE. COMPACT FLUORESCENTS.
HORIZONTAL POSITION. LUMEN RATING =3200 LMS



DATE: Jan 3, 1996
PREPARED FOR:
LIGHTOLIER, Fall River, MA

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			
	50	30	10	0	50	30	10	0	50	30	10	0	50	30	10	0	50	30	10	0				
1	.74	.72	.70	.72	.70	.69	.69	.68	.67	.67	.66	.65	.65	.64	.63	.62								
2	.67	.64	.61	.66	.63	.61	.64	.61	.59	.62	.60	.58	.60	.58	.57	.56								
3	.61	.57	.54	.60	.57	.54	.58	.55	.53	.57	.54	.52	.55	.53	.51	.50								
4	.56	.51	.48	.55	.51	.48	.54	.50	.47	.52	.49	.46	.51	.48	.46	.45								
5	.51	.46	.43	.50	.46	.43	.49	.45	.42	.48	.44	.42	.47	.44	.41	.40								
6	.47	.42	.38	.46	.42	.38	.45	.41	.38	.44	.40	.38	.43	.40	.37	.36								
7	.43	.41	.37	.46	.41	.37	.45	.40	.37	.44	.40	.37	.43	.39	.36	.35								
8	.39	.35	.31	.39	.34	.31	.38	.34	.31	.37	.34	.31	.37	.33	.31	.30								
9	.36	.32	.28	.36	.31	.28	.35	.31	.28	.35	.31	.28	.34	.31	.28	.27								
10	.34	.29	.26	.33	.29	.26	.33	.29	.26	.32	.28	.26	.32	.28	.26	.25								

20% FLOOR CAVITY REFLECTANCE

Job Information Type:

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