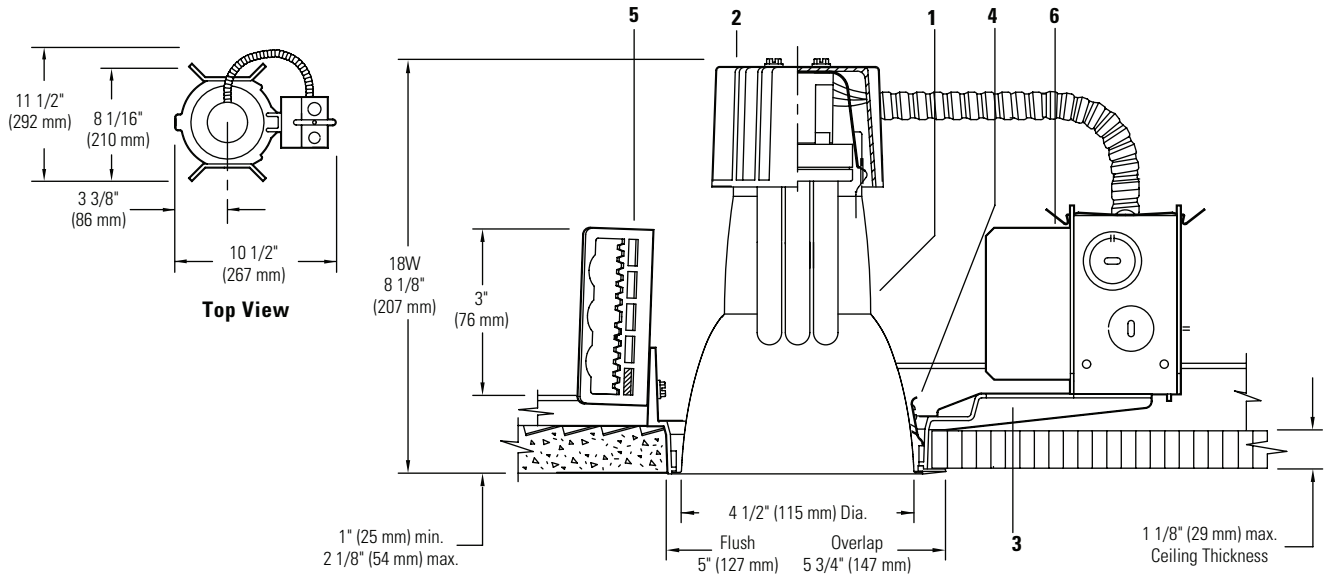




Calculite® Compact Fluorescent Open Downlight 8011



Ceiling Cutout: 5 1/16" (129 mm) Dia.

Reflector Trim	Frame-In Kit	Lamp
8011CCLW Comfort Clear™, White Flange	4118VU Electronic 120V - 277V	18W Triple Tube 4-Pin (Amalgam)
8011CCLP Comfort Clear™, Polished Flange		
8011CCL Comfort Clear™, Molded Trim Ring		
8011 <input type="checkbox"/> Add suffix. See options for other finishes.		

Features

- Reflector:** 16 ga. Alzak® aluminum, 50° visual cutoff to lamp and lamp image, medium distribution. Comfort Clear™ low iridescence finish. Self-flanged or flangeless with molded white trim ring (field paintable).
- Socket Cup:** Die-cast aluminum 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™ Finishes¹

Diffuse **CCD**
 Champagne Bronze **CCZ**

Other Finish

White **WH**
 Specular Clear **CL**

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. Sheet: FAEM

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

IC Frame available; see **C4CFL18** Specification Sheet.

Labels

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

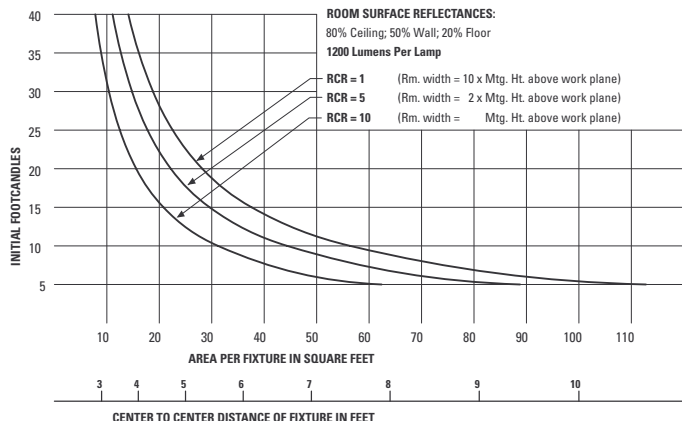
Alzak® is a registered trademark of ALCOA.

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

Lightolier a Genlyte company www.lightolier.com
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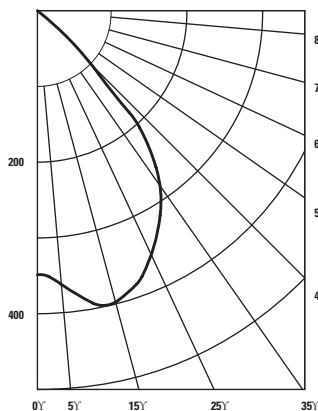
Quick Calculator



This quick calculator chart determines the number and spacing of 1 ft.-18W PL-T units with clear reflector, for any level of illumination.

Spacing Ratio = 1.2

CERTIFIED TEST REPORT NO. 0662FR
COMPUTED BY LSI PROGRAM **TEST-LITE**
CALCULITE RECESSED COMPACT FLUORESCENT OPEN DOWNLIGHT,
4 1/2" DIA. APERTURE CLEAR REFLECTOR
1-18W PLT LAMP. LUMEN RATING = 1200 LMS.



CANDLEPOWER SUMMARY

ANGLE	MEAN CP	LUMENS
0	350	
5	368	35
10	394	
15	394	110
20	374	
25	343	158
30	305	
35	254	155
40	171	
45	36	48
50	5	
55	1	2
60	0	
65	0	0
70	0	
75	0	0
80	0	
85	0	0
90	0	

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	303	25.30	59.81
0-40	458	38.18	90.25
0-60	507	42.30	100.00
0-90	507	42.30	100.00
40-90	49	4.13	9.75
60-90	0	.00	.00
90-180	0	.00	.00
0-180	507	42.30	100.00

** Efficiency = 42.38% **

Coefficients of Utilization

ZONAL CAVITY METHOD
EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

CC WALL	80		70		50		30		10		0				
	50	30	10	50	30	10	50	30	10	50		30	10		
RCR 1	.47	.46	.46	.47	.46	.45	.45	.44	.43	.43	.42	.42	.41	.41	.40
RCR 2	.44	.43	.42	.44	.42	.41	.42	.41	.40	.41	.40	.39	.40	.39	.38
RCR 3	.42	.40	.38	.41	.39	.38	.40	.39	.37	.39	.38	.37	.38	.37	.36
RCR 4	.39	.37	.36	.39	.37	.35	.38	.36	.35	.37	.36	.35	.36	.35	.34
RCR 5	.37	.34	.33	.36	.34	.33	.36	.34	.32	.35	.33	.32	.34	.33	.31
RCR 6	.35	.32	.31	.34	.32	.30	.34	.32	.30	.33	.31	.30	.33	.31	.29
RCR 7	.32	.30	.28	.32	.30	.28	.32	.29	.28	.31	.29	.28	.31	.29	.27
RCR 8	.30	.28	.26	.30	.28	.26	.30	.27	.26	.29	.27	.26	.29	.27	.25
RCR 9	.28	.26	.24	.28	.26	.24	.28	.25	.24	.27	.25	.24	.27	.25	.23
RCR 10	.26	.24	.22	.26	.24	.22	.26	.24	.22	.25	.23	.22	.25	.23	.21

Job Information Type:

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