

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

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

Features

- Downlight/Wall Washer Reflector:** 16 ga. Alzak® aluminum. 50° lamp cutoff and lamp image. Provides vertical surface wall wash and downlighting. 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. Accepts other 4" triple tube reflectors.
- 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. Provides vertical surface wall wash and downlighting.

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	Other Finishes
Diffuse CCD	White WH
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.
 IC Frame available; see **C4CFL18** Specification Sheet.

Labels

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

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

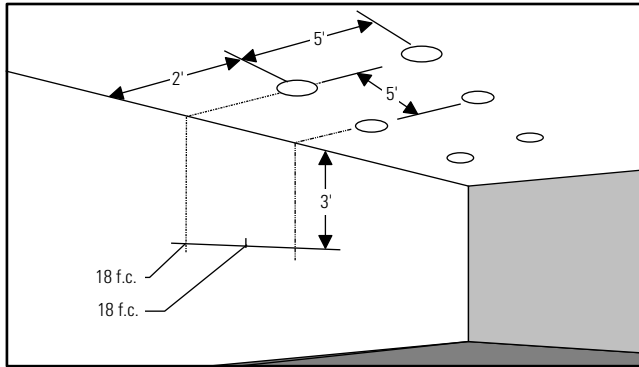
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LIGHTOLIER®



Lighting Data

Footcandles On Wall: Multiple 18W Triple Tube Units



Example: With multiple clear reflector units located 2' from wall and spaced 2' on center (matching downlights 5' on center), the illumination on the wall 3' down from ceiling will be 14 f.c. beneath units and 18 f.c. between units.

Footcandle values are averaged and rounded off and are based on a minimum of five units.

2' From Wall-2' On Center

		← 2' →			
		1	14	12	14
		2	17	16	17
		3	18	18	18
		4	16	16	16
		5	12	12	12
		6	10	10	10
		7	7	7	7
		8	6	6	6
		9	4	4	4
Distance From Ceiling in Feet					

2' From Wall-3' On Center

		← 3' →			
		1	11	6	11
		2	14	9	14
		3	12	12	12
		4	10	11	10
		5	8	8	8
		6	7	7	7
		7	5	5	5
		8	4	4	4
		9	3	3	3
Distance From Ceiling in Feet					

2' From Wall-4' On Center

		← 4' →			
		1	11	3	11
		2	13	5	13
		3	11	7	11
		4	8	8	8
		5	6	6	6
		6	5	5	5
		7	4	4	4
		8	3	3	3
		9	3	3	3
Distance From Ceiling in Feet					

Candlepower Distribution Downlight Spacing Ratio 1.3

Downlight Side

Wall Washer Side

Coefficients of Utilization

ROOM CAVITY RATIO	% EFFECTIVE CEILING CAVITY REFLECTANCE																								
	80				70				50				30				10				0				
	50		30		10		50		30		10		50		30		10		50		30		10		0
1	.46	.45	.44	.45	.44	.43	.43	.43	.42	.41	.41	.40	.40	.39	.39	.37	.37	.37	.38	.37	.37	.36	.36	.36	.36
2	.43	.41	.39	.42	.40	.39	.41	.39	.38	.39	.38	.37	.38	.36	.35	.37	.36	.34	.36	.35	.34	.33	.33	.33	.33
3	.40	.37	.36	.39	.37	.36	.38	.36	.35	.37	.36	.34	.36	.34	.33	.35	.34	.32	.34	.33	.31	.31	.31	.31	.31
4	.37	.35	.33	.36	.34	.33	.36	.34	.32	.35	.33	.32	.34	.33	.31	.32	.31	.29	.32	.30	.29	.28	.28	.28	.28
5	.34	.32	.30	.34	.32	.30	.33	.31	.30	.32	.31	.29	.32	.30	.29	.28	.26	.25	.28	.26	.25	.24	.24	.24	.24
6	.32	.30	.28	.32	.29	.28	.31	.29	.27	.31	.29	.27	.30	.28	.27	.26	.25	.24	.28	.26	.25	.24	.24	.24	.24
7	.30	.27	.26	.30	.27	.25	.29	.27	.25	.28	.26	.25	.28	.26	.25	.24	.23	.22	.28	.26	.25	.24	.24	.24	.24
8	.28	.25	.23	.27	.25	.23	.27	.25	.23	.27	.25	.23	.26	.24	.23	.22	.21	.21	.26	.24	.23	.22	.22	.22	.22
9	.26	.23	.22	.26	.23	.22	.25	.23	.21	.25	.23	.21	.24	.23	.21	.21	.20	.20	.24	.23	.21	.21	.21	.21	.21
10	.24	.22	.20	.24	.22	.20	.24	.21	.20	.23	.21	.20	.23	.21	.20	.20	.19	.19	.23	.21	.20	.20	.20	.20	.20

20% FLOOR CAVITY REFLECTANCE

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Job Information **Type:**

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