

Ceiling Cutout: 5 3/4" (146 mm) Dia.

Ordering Information

Single Wall Wash Trim	Installation Ring	Lamp Data
C4AWCCDPEXP Comfort Clear Diffuse, Polished Flange	C4XRM Matte White	100W A19 E27 240V
Corner Wall Wash Trim		
C4ACWCCDPEXP Comfort Clear Diffuse, Polished Flange	C4XRM Matte White	100W A19 E27 240V
Double Wall Wash Trim		
C4ADWCCDPEXP Comfort Clear Diffuse, Polished Flange	C4XRM Matte White	100W A19 E27 240V

Features

- 1. Reflector Trim:** Low brightness, Comfort Clear™ Diffuse with integral flange which is polished to match inside of cone. 16 ga. aluminum, 50° visual cutoff to lamp and lamp image. "Cut-window" in downlight reflector and kick reflector provide vertical surface wall washing. Inner reflector contours provide even downlighting.
- 2. Socket Harness:** Spring tension clips snap into die-cast aluminum top at prefocused positions ensuring correct optical alignment. Medium base E27 porcelain socket with nickel plated screw shell. No. 18 SF-1 (1.0mm²) leads to terminal block for 3 No. 18 (1.0 mm²) supply leads (line, neutral and ground).
- 3. Installation Ring:** Cast aluminum ring is painted and has two 17 ga. stainless steel springs that engage in upright position during installation. One touch snap action secures ring in ceiling cutout. ORDER SEPARATELY. See separate Installation Ring specification sheet for more details.
- 4. Trim Retention Springs:** Rust resistant springs secure reflector/housing for quick, toolless installation (quantity of 4).

Labels



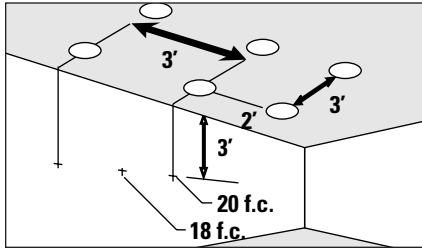
Job Information

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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Lighting Data



Lighting Data

Example: With clear Alzak® and 100W A-19 units, located 2' from wall and 3' on center, (matching downlights 3' on center), the illumination on the wall 3' down from the ceiling is 20 f.c. beneath and 18 f.c. between fixtures.

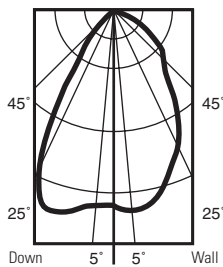
Footcandles on Wall From Multiple Units - Clear Alzak® with 100W A19

UNITS 2 FEET FROM WALL												
Distance from Ceiling, Ft.	2'			3'			4'					
	1	24	22	24	20	12	20	19	6	19		
2	35	35	35	26	21	26	24	12	24			
3	29	28	29	20	18	20	18	11	18			
4	24	24	24	16	17	16	13	11	13			
5	19	19	19	12	13	12	9	10	9			
6	15	15	15	10	10	10	7	9	7			
7	12	12	12	9	8	9	6	7	6			
8	10	10	10	7	7	7	5	5	5			
9	8	9	8	6	6	6	5	5	5			

UNITS 3 FEET FROM WALL												
Distance from Ceiling, Ft.	3'			4'			5'			6'		
	1	5	4	5	4	2	4	4	2	4	4	1
2	15	14	15	12	10	12	11	7	11	11	4	11
3	16	16	16	13	11	13	11	8	11	11	6	11
4	14	14	14	11	10	11	9	8	9	9	6	9
5	12	12	12	10	9	10	8	7	8	7	5	7
6	11	11	11	8	9	8	7	7	7	6	5	6
7	10	9	10	7	7	7	6	6	6	5	5	5
8	8	8	8	6	6	6	5	5	5	4	5	4
9	7	7	7	6	5	6	4	5	4	4	4	4

Footcandle values are averaged and rounded off and are based on a minimum of five units. For 100W BT15, multiply footcandles by 0.8

Candlepower Curve 100W A19



Report 0840FR
Efficiency = 56.0%

Downlight Spacing Ratio = 1.0

COEFFICIENTS OF UTILIZATION

% Effective Ceiling Cavity Reflectance

Room Cavity Ratio	% WALL REFLECTANCE															
	80			70			50			30			10			0
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
1	.62	.61	.59	.61	.60	.59	.59	.58	.57	.57	.56	.55	.55	.54	.53	.52
2	.58	.56	.54	.57	.55	.53	.55	.53	.52	.53	.52	.51	.52	.51	.50	.49
3	.54	.51	.49	.53	.51	.49	.52	.50	.48	.50	.49	.47	.49	.48	.47	.46
4	.51	.48	.45	.50	.47	.45	.49	.46	.45	.48	.46	.44	.47	.45	.44	.43
5	.47	.44	.42	.47	.44	.42	.46	.43	.42	.45	.43	.41	.44	.42	.40	.40
6	.45	.41	.39	.44	.41	.39	.43	.41	.38	.42	.40	.38	.42	.40	.38	.37
7	.42	.38	.36	.41	.38	.36	.40	.38	.36	.40	.37	.35	.39	.37	.35	.34
8	.39	.36	.34	.39	.36	.33	.38	.35	.33	.38	.35	.33	.37	.35	.33	.32
9	.37	.33	.31	.36	.33	.31	.36	.33	.31	.35	.33	.31	.35	.32	.31	.30
10	.35	.31	.29	.34	.31	.29	.34	.31	.29	.33	.31	.29	.33	.30	.29	.28

20% Floor Cavity Reflectance

For 100W BT15, multiply CU. by 0.75

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