

DESCRIPTION

Low brightness 7-3/8-inch aperture wall wash for use with (2)26W, 32W, or 42W Triple Twin Tube 4-pin compact fluorescent lamps. The geometric stepped reflector maximizes flux towards the wall and is spectrally neutral leaving the color temperature and the color rendering of the source unchanged. It is available in single and double wall wash versions. The one piece design eliminates light leaks at the ceiling. Standard features include low iridescent finish on all reflectors, and electronic ballast. Optics offer unparalleled performance with uniform illuminance on wall, no flashback, and glare free downlighting. Open downlight, lensed, and open wall wash trims are interchangeable within the same housing.

SPECIFICATION FEATURES

Reflector

Injection molded Geometric Reflector for Uniform Vertical Illumination is vacuum metallized with polysiloxane hardcoat finish. One piece spun parabolic downlight reflector available in a variety of Alzak® finishes.

Trim Ring Options

Self flanged or moled white trim ring. Rimless or metal trim ring accessories available.

Socket Connector

One piece die cast aluminum connection allows venting for maximum thermal performance.

Housing Mounting Frame

One piece precision die cast aluminum 1-1/2" deep collar accommodates varying dimensions of ceiling materials.

Universal Mounting Bracket

Accepts 1/2" EMT, C Channel, T bar fasteners, and bar hangers. Adjusts 5" vertically from above or below ceiling.

Conduit Fittings

Die cast screw tight connectors.

Junction Box

Listed for eight #12AWG (four in, four out) 90°C conductors feed through branch wiring. One 1/2" and two 3/4" pry outs. Positioned to allow straight conduit runs. Access to junction box by removing reflector.

Socket Rotary Lock

4 pin GX24q3/4 base with fatigue free stainless steel lamp spring ensures positive lamp retention.

Electronic Ballast

Electronic ballast provides full light output and rated lamp life. Provides flicker free and noise free operation and starting. End of lamp life protection is standard.

Labels

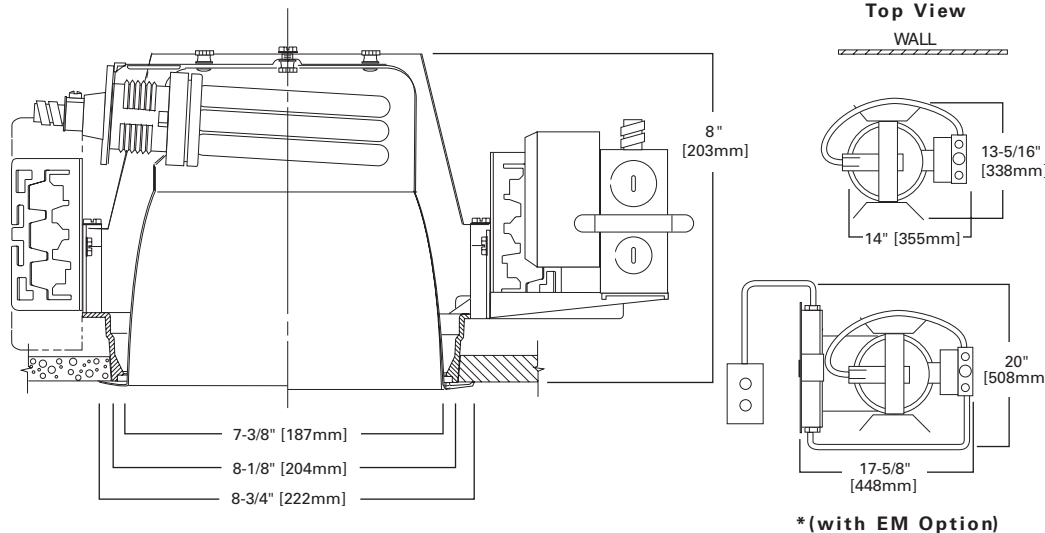
cULus listed, standard damp label.



C7242
7311/7310
7321/7320

(2) 26W, 32W, 42W TTT or PLT
Compact Fluorescent

7-Inch Open Wall Wash



*(with EM Option)

ENERGY DATA	
(2) 26W TTT	
Ballast: Electronic	
120V Input Watts: 55	Line Amps: 0.46
277V Input Watts: 55	Line Amps: 0.21
Power Factor: >0.98	THD: <10%
Min. Starting Temperature: -10°C (0°F)	
Sound Rating: Class A Standards	

(2) 32W TTT 4-pin	
Ballast: Electronic	
120V Input Watts: 69	Line Amps: 0.57
277V Input Watts: 69	
Power Factor: >0.99	THD: <10%
Min. Starting Temperature: -10°C (0°F)	
Sound Rating: Class A Standards	

(2) 42W TTT 4-pin	
Ballast: Electronic	
120V Input Watts: 93	Line Amps: 0.71
277V Input Watts: 93	Line Amps: 0.30
Power Factor: >0.99	THD: <10%
Min. Starting Temperature: -10°F (0°C)	
Sound Rating: Class A Standards	

NOTES: Accessories should be ordered separately. For additional options, please consult your Cooper Lighting Representative. Alzak is a registered trademark of Aluminum Company of America.

ORDERING INFORMATION

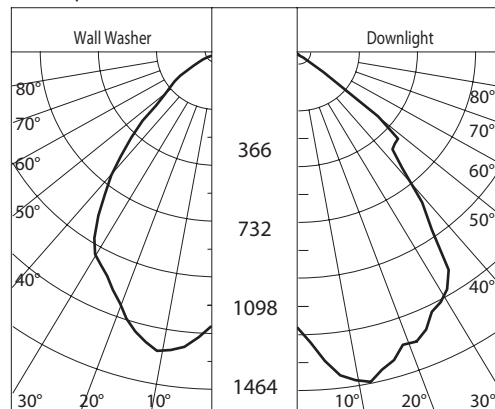
EXAMPLE: C7242E 7331LI

Housing	Number of Lamps	Wattage	Ballast	Options	Trims	Finish	Options	Accessories			
C7=7" Horizontal Lamp	2=2 Lamps	42=26W, 32W, or 42W TTT or PLT Lamp		CP =Chicago Plenum EM =Emergency Module with Remote Test Switch 2C =(2) ballasts for Hi-Low Switching 2CMS =2 Circuit Master Satellite (2 housings, order 2 trims)	7331 =Single WW, Self Flanged 7310 =Single WW, Molded Trim Ring 7321 =Double WW, Self-Flanged 7320 =Double WW, Molded Trim Ring	LI =Low Iridescent Clear H =Haze WMH =Warm Haze G =Gold WH =Wheat W =Gloss White GP =Graphite GPH =Graphite Haze	WF =White painted Flange (self Flanged only)	HB26 =C Channel Bar Hangers, 26" Long, Pair HB50 =C Channel Bar Hangers, 50" Long, Pair TRM7 =Metal Trim Ring, Specify Finish ¹ TRR7 =Rimless Trim Ring, White ¹ FK5 =5 Amp Field Installable Fuse Kit 300V Max RMB-22 =Wood Joist Bar Hanger, 22" Long, Pair			
E =120/277V 50/60 Hz Electronic 3E =347V 50/60 Hz Electronic D5LT26 =26W 120-277V Fifth Light (DALI Dimming) D5LT32 =32W 120-277V Fifth Light (DALI Dimming) D5LT42 =42W 120-277V Fifth Light (DALI Dimming)				3D5LT26/32 =26 or 32W 347V Fifth Light (DALI Dimming) 3D5LT42 =42W 347V Fifth Light (DALI Dimming) D26/32 = 26 or 32W 120-277V Lutron Ecosystem Dimming D42 =42W 120-277V Lutron Ecosystem Dimming EDR26 =DeRated Wattage Label, 26W EDR32 =DeRated Wattage Label, 32W							

Notes: ¹ Order trim with polymer trim ring (Consult specification sheet for ordering information and options).

PHOTOMETRICS

Candlepower Distribution Curve



Candelas

Degree	CD
0	1139
5	1243
15	1305
25	1139
35	983
45	645
55	312
65	176
75	69
85	5
90	0

Characteristics

Efficiency = 50.3%

Test No. H23497
 C7242 7311LI
 Lamp = 32W PLT
 Lumens = 4800
 26W Multiplier = 0.75
 42W Multiplier = 1.33

Average Luminance

Angle	0°
45°	31478
55°	19075
65°	14597
75°	9345
85°	2011

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0- 30	1049.89	21.9	43.5
0- 40	1651.08	34.4	68.3
0- 60	2323.93	48.4	96.2
0- 90	2415.86	50.3	100.0
90-180	0.0	0.0	0.0
0-180	2415.86	50.3	100.0

Single Unit Footcandles

Multiple Unit Footcandles

DD	3' from wall (distance from fixture along wall)							3' from wall (spacing between fixtures)				4' from wall (spacing between fixtures)							
	1'	2'	3'	4'	5'	6'	3'	4'	4'	6'	4'	6'	4'	6'					
1	10	7	4	1	1	0	12	11	12	11	7	11	4	4	4	4	2	4	
2	19	15	9	4	2	1	0	27	27	27	22	18	22	12	11	12	10	6	10
3	25	21	13	6	3	1	1	37	37	37	30	26	30	17	15	17	13	9	13
4	22	19	13	8	5	2	1	39	39	39	32	28	31	21	21	21	16	13	16
5	16	15	12	8	5	3	2	33	35	33	26	27	26	23	21	23	16	14	16
6	11	11	9	7	5	3	2	27	27	27	21	22	21	20	21	20	15	13	15
7	8	8	7	6	4	3	2	21	22	21	17	17	17	18	18	18	12	13	12
8	6	6	5	4	4	3	2	17	17	17	14	14	14	15	15	15	10	11	10
9	4	4	4	3	3	2	2	13	14	13	11	12	11	13	13	13	9	9	9
10	3	3	3	3	2	2	2	11	11	11	9	10	9	11	11	11	8	8	8