

OM61H32PLTSQLWW

6" Square Compact Fluorescent Horizontal Lensed Wall Wash

CAT. NO:

TYPE: PROJECT:



PRODUCT INFORMATION

Applications

Square lensed wall wash for use with long-life energy efficient compact fluorescent lamps. Provides medium, uniform light distribution with excellent color rendition. Ideal for areas requiring long hours of continuous operation such as lobbies, corridors, reception areas and offices.

Specifications

- Ballast** - One (1) Type 1 Class P, high power factor universal voltage electronic compact fluorescent ballast.
1 lamp operation for 120 through 277 volt input voltage.

	32W 120V	32W 277V	42W 120V	42W 277V
Line current amps	.32	.14	.42	.18
Input watts including ballast loss	36	36	48	48
Ballast factor	1.00	1.00	.98+	.98+
Minimum starting temperature	0°F	0°F	0°F	0°F

2. **Housing** - Precision formed heavy duty 20 gauge steel with polyester powder coat matte black to suppress light leaks. Housing top may be removed for servicing unit from above. Upper optic is attached to housing lid for easy access to lamp. Housing throat is 1-1/2" in depth to accommodate extra thick ceilings. Junction box and all electrical components may be accessed below or above ceiling.

3. **Installation** - Housing has pre-installed Revelation C-channels for vertical and/or horizontal adjustment. Channels are pre-set at factory to center in grid ceiling without adjustments. Preset channels ensure proper alignment when row mounting multiple downlights. For wood construction specify Q1031 (ordered separately). Flat bar hanger should install perpendicular to pre-installed bar hangers.

4. **Optics** - Two-piece optical assembly provides even distribution, glare control, and superior visual comfort. Upper optic is die-formed, specular .032" low iridescent aluminum, specific to each lamp type for maximum efficiency. The lower trim is die-formed of .040 low iridescent aluminum and is self-flanged with a variety of finishes available. Black coating on back of trim provides superior protection against flash and/or light leaks around the flange. White flange is standard. Optional polished flange matching trim finish is available, add FF to catalog number.

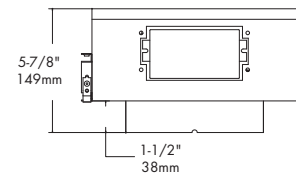
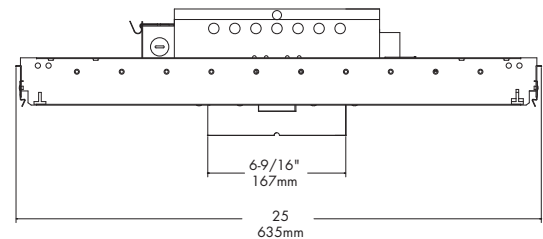
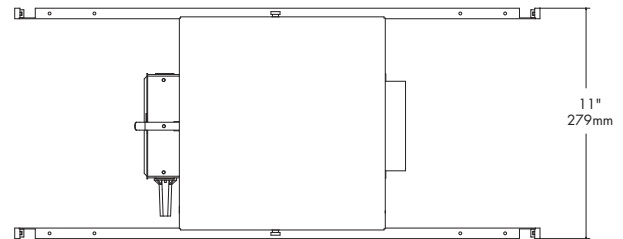
5. **Sockets** - CFQ26W/G24q, CFQ18W/G24q, CFM42W/GX24q, CFM32W/GX24q, CFM26W/GX24q.

6. **Junction box** - Large 20 gauge galvanized steel with snap-on cover and ground wire riveted to frame. Approved for through wiring with up to 8 #12 AWG conductors.

7. **Optional emergency system** - (Requires top access) Emergency system includes battery, electronic circuitry, charger, and test/monitor plate with test switch and charging indicator light. Test monitor plate may be installed in the ceiling near the fixture or other remote location. Operates appropriate lamp wattage for a minimum of 90 minutes following power failure. Battery is recharged automatically following restoration of power. Emergency system complies with NFPA life safety code, OSHA and NEC. Suitable for dry locations. Requires top access for maintenance.

8. **U.L. Listed** - For use in damp locations and approved for Through Branch Circuit Wiring. I.B.E.W. union made.

Canadian Specifications may vary from these shown, consult Canadian Division.



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CATALOG SYSTEM AND OPTIONS

EXAMPLE OF COMPLETE CATALOG NUMBER: **OM61H32PLTSQLWWCS-120/277**

OMEGA Apr.	Lamp Position	Lamp (by others)	Square Type	Reflector Finish	Options	Supply Voltage
OM6	1H	42 PLT Triple Tube 32 PLT Triple Tube 26 PLT Triple Tube 26 QPL Quad CFL 18 QPL Quad CFL	SQLWW Square Lensed Wall Wash	CS Clear Specular CSS Clear Semi-Specular GS Gold Specular WT Wheat PW Pewter BK Black BZ Bronze WH White CB Corrugated Baffle FF Finish Flange (as suffix to color)	EM Remote Emergency ¹ FZ120 Fusing FZ277 Fusing FZ347 Fusing Q1031 Flat Bar Hangers DL1 Dimming, Lutron Compact SE, 120v ¹ DL2 Dimming, Lutron Compact SE, 277v ¹ DX1 Dimming, Advance Mark X, 120v ¹ DX2 Dimming, Advance Mark X, 277v ¹	120/277 347 *



FIVE YEAR
Warranty

1. Requires top access for servicing.

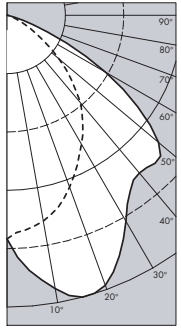
OM61H32PLT-SQ-LWW-CS

Clear Specular Reflector

Report number 27863
 Lamp:(1) CFT32W
 Fixture Efficiency: 59.4%
 S/MH Ratio: (0 degree plane):
 1.1 (90 degree plane): 1.0
 Total Fixture Lumens: 1427
 IES file: F27863.IES
 Beam Angle 97.81

LIGHTING PERFORMANCE DATA		
CEILING HEIGHT* (FT.)	INITIAL FOOT-CANDLES	BEAM DIAMETER (FT.-IN.)
8	21.8	12 - 7
10	11.7	17 - 2
12	7.3	21 - 9
14	5.0	26 - 4
16	3.6	30 - 11

DISTRIBUTION CURVE



DEGREES	CANDELA		FOOT-LAMBERTS
	AT 0°	AT 90°	
90	1	1	
85	1	2	216
75	24	12	862
65	161	45	3055
55	375	133	5565
45	485	268	6687
35	473	389	
25	564	489	
15	671	585	
5	681	635	
0	659	659	

COEFFICIENTS OF UTILIZATION ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	Effective Floor Cavity Reflectance 0.20					
	80		70		50	
RW	50	30	50	30	50	30
0	70	70	70	70	68	68
1	66	64	61	59	64	61
2	60	56	53	50	58	56
3	56	51	46	42	55	50
4	52	45	40	36	50	45
5	47	40	35	32	46	40
6	44	36	32	28	42	35
7	40	34	28	26	40	33
8	38	30	26	23	38	30
9	35	28	23	20	34	28
10	34	26	22	19	33	26

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*Readings at working plane, 2'6" above floor. Beam Angle and Diameter Cutoff at 50% of max.
 Candlepower Coefficients used at effective reflectances of: 70% Ceiling, 50% Walls, 20% Floor

To convert values for optional reflector colors, multiply by:
 Gold .90 Bronze .82 Pewter .87

Additional photometric test files are available @ omegalighting.com



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