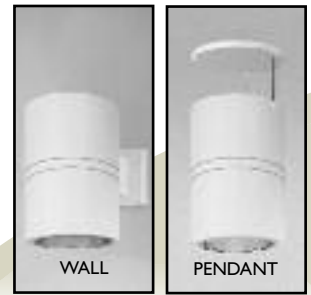


OMI02H57PLTUPDNPC

10" Open Reflector Horizontal Up/Down Cylinder

CAT NO:

TYPE: PROJECT:



PRODUCT INFORMATION

Applications

Open up/down cylinder for use with long-life energy efficient compact fluorescent lamps. Provides uniform light distribution with excellent color rendition. Ideal for medium ceiling heights, and areas requiring long hours of continuous operation such as lobbies, corridors, reception areas and offices.

Specifications

1. **Ballast** - One (1) or Two (2) Type I Class P, high power factor universal voltage compact fluorescent ballast. Offers 2 lamp operation for 120 through 277 volt input voltage.

	(6) 32W 120V	32W 277V	(4) 57W 120V	57W 277V
Line current amps	1.74	.78	1.92	.84
Input watts including ballast loss	207	201	232	228
Power factor	1.00	1.00	1.00	1.00
Minimum starting temperature	0°F	0°F	0°F	0°F

2. **Housing** - Aluminum cylinder with cast aluminum top. Standard color is white baked polyester powder coat UV stabilized for exterior use and textured for aesthetic appeal.

3. **Installation** - Grounded circle strap provided for mounting to junction box (by others). Ballasts and wiring compartment are accessible from below fixture.

4. **Reflectors** - Precision spun .050 aluminum one piece reflector; self flanged with clear specular low iridescent finish. The reflector is screw mounted for positive attachment to the socket assembly; Polished flat flange matches reflector finish.

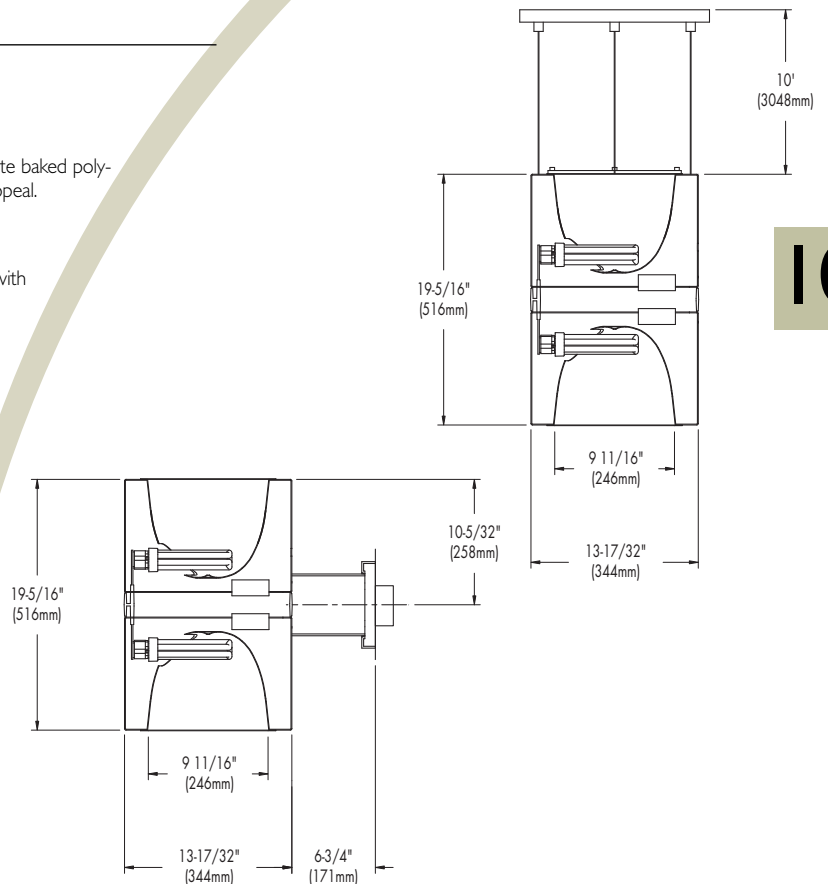
5. **Socket** - CFM57W/GX24q, CFM42W/GX24q, CFM32W/GX24q, CFM26W/GX24q

6. **Wire Guard** - Wire mesh protects the upper reflector against objects that might interfere with performance or cause unsafe conditions.

7. **Pendant** - Pendant mount features three stainless steel aircraft cables that are easily field adjustable to any length.

8. **U.L. Listed** - For use in damp locations. For wet locations add option "WL", surface and wall mount only. I.B.E.W. union made.

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



10

CATALOG SYSTEM AND OPTIONS

EXAMPLE OF COMPLETE CATALOG NUMBER: OMI02H57PLTUPDNPC-CSFF-U

OMEGA Aptr	No. of Lamps	Lamp position	Lamp (by others)	Product Family	Reflector Finish (Finish Flange)	Options	Supply Voltage
OMI0	2	H	57 PLTUPDN - Triple Tube CFL	WC Wall Cylinder	CSFF Clear Specular	F1 Fusing	U 120/277
	3	H - Horizontal	42 PLTUPDN - Triple Tube CFL	PC Pendant Cylinder	CSSFF Clear Semi-Specular	F2 Fusing	3 347☼
			32 PLTUPDN - Triple Tube CFL		HZFF Haze	F3 Fusing	
			26 PLTUPDN - Triple Tube CFL		GSFF Gold Specular	DL1 Dimming, Lutron Compact SE, 120v	
					WTFF Wheat	DL2 Dimming, Lutron Compact SE, 277v	
					PWFF Pewter	DX1 Dimming, Advance Mark X, 120v	
						DX2 Dimming, Advance Mark X, 277v	
						ALA Aluminum Paint	
						BK Black Paint	
						BZ Bronze Paint	



FIVE YEAR
Warranty

1. 42 & 57 watt is only available in 2 lamp.

Note: Downlight data shown, uplight has the same distribution.

OMI02H57PLT-CS

Photometric Data

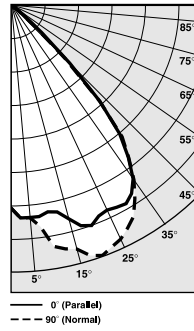
DISTRIBUTION CURVE

COEFFICIENTS OF UTILIZATION
 ZONAL CAVITY METHOD

Clear Specular Reflector

Report Number: 22376
 Lamp: (2) CFM57W
 Total Lumens: 8600
 Fixture Efficiency: = 60.7%
 IES File: F22376.IES
 Beam Angle: 90.23

LIGHTING PERFORMANCE DATA		
CEILING HEIGHT* (FT.)	INITIAL FOOT-CANDLES	BEAM DIAMETER (FT-IN)
8	80.6	11-1
10	43.4	15-1
12	27.0	19-1
14	18.4	23-1
16	13.4	27-1



DEGREES	CANDELA		FOOT-LAMBERTS
	AT 0°	AT 90°	
90	0	0	
85	0	0	
75	0	0	
65	3	1	27
55	38	12	251
45	1236	912	8749
35	2478	2564	
25	2589	3101	
15	2487	3031	
5	2502	2561	
0	2439	2439	

Effective Floor Cavity Reflectance 0.20

RC	80		70		50	
	50	30	50	30	50	30
0	73	73	71	71	68	68
1	67	65	66	64	63	62
2	61	59	60	58	58	56
3	56	53	55	52	54	51
4	51	47	51	47	49	46
5	47	43	47	43	45	42
6	43	39	43	39	42	38
7	40	36	39	35	39	35
8	37	32	36	32	36	32
9	34	30	34	30	33	29
10	32	27	31	27	31	27

10

*Readings at working plane, 2'6" above floor: Beam Angle and Diameter Cutoff at 50% of max.
 Candelpower Coefficients used at effective reflectances of: 70% Ceiling, 50% Walls, 20% Floor
 Additional photometric test files are available @ omegalighting.com

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