

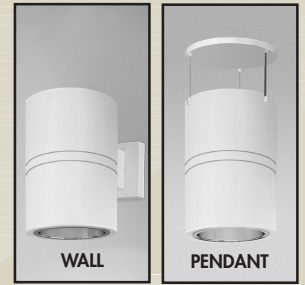
OM61H42PLTUPDNPC SPL

6" Splay Lens Reflector Horz. Up/Down Cylinder

CAT NO:

TYPE:

PROJECT:



PRODUCT INFORMATION

Applications

A soft edged, lensed cylinder for use with energy efficient compact fluorescent lamps. Provides broad, uniform light distribution while concealing lamp image and maintaining good visual cutoff. Ideal for areas such as lobbies, corridors, canopies, soffits, restaurants and offices.

Specifications

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

	(4) 18W 120V	18W 277V	(4) 26W 120V	26W 277V	(2) 32W 120V	32W 277V	(2) 42W 120V	42W 277V
Line current amps	.72	.30	.98	.42	.58	.26	.76	.32
Input watts including ballast loss	80	80	112	112	69	67	91	90
Ballast factor	.98+	.98+	.98+	.98+	1.00	1.00	.98	.98
Minimum starting temperature	0°F	0°F	0°F	0°F	0°F	0°F	0°F	0°F

2. **Housing** - Aluminum cylinder with cast aluminum top and bottom ring.

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.

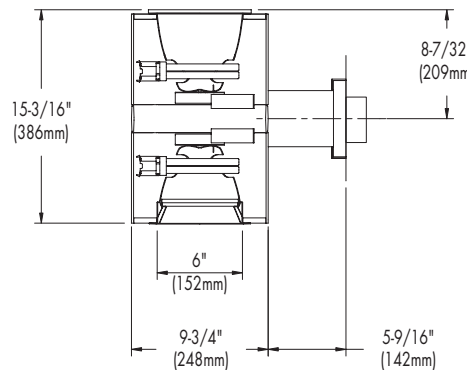
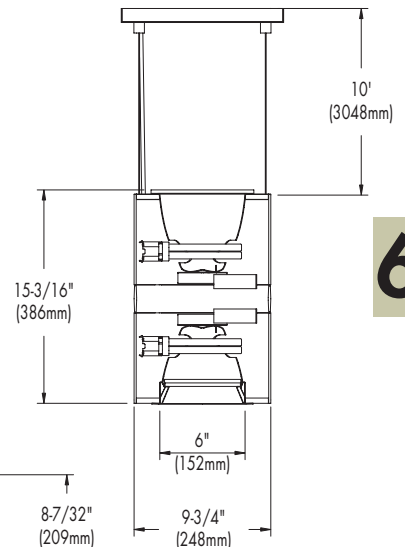
5. **Socket** - CFM42W/GX24q, CFM32W/GX24q, CFM26W/GX24q, CFQ26W/G24q, CFQ18W/G24q

6. **Optional remote emergency system** - Emergency system includes remote battery, electronic circuitry, charger, and test/monitor plate with test switch and charging indicator light. For further information see spec sheet RV8-1.

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

8. **U.L. Listed** - 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: **OM61H42PLTUPDNPC SPL-FL-U**

OMEGA	No. of Aprt	Lamp position	Lamp (by others)	Product Family	Reflector Option	Lens Option (Required)	Options	Supply Voltage
OM6	1	H		WC Wall Cylinder	SPL Splay Lens (white)	FL Fresnel Lens	EM Emergency ¹	U 120/277
	2 ²	H - Horizontal	42 PLTUPDN - Triple Tube CFL 32 PLTUPDN - Triple Tube CFL 26 PLTUPDN - Triple Tube CFL 26 QPLUPDN - Quad Tube CFL 18 QPLUPDN - Quad Tube CFL	PC Pendant Cylinder	CSSPL Clear Specular Splay BBSPL Black Baffle Splay BKSPL Splay Lens (black)	PL Prismatic Lens CL Clear Lens	F1 Fusing 120V F2 Fusing 277V F3 Fusing 347V D1 Dimming 120V D2 Dimming 277V WL Wet Location	3 347 ✦



FIVE YEAR
Warranty

1. Emergency not available on pendant cylinders.
2. 2 lamp configuration available for Quad Tube lamps only.

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

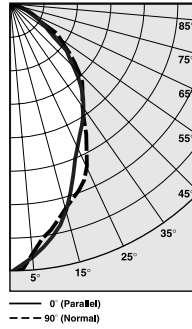
OM61H42PLTSPL-FL Photometric Data

Fresnel Lens with White Regressed Splay

Report Number: 20687
 Lamp: (1) CFM42W
 Total Lumens: 3200
 Fixture Efficiency: = 38.8%
 IES File: F20687.IES
 S/MH Ratio = 0.8, 0.9
 Beam Angle: 65.46

LIGHTING PERFORMANCE DATA		
CEILING HEIGHT* (FT.)	INITIAL FOOTCANDLES	BEAM DIAMETER (FT.-IN.)
8	28.4	7-1
10	15.3	9-3
12	9.5	12-3
14	6.5	14-9
16	4.7	17-4

DISTRIBUTION CURVE



DEGREES	CANDELA		FOOT-LAMBERTS
	AT 0°	AT 90°	
90	0	2	
85	5	5	918
75	21	25	1422
65	67	78	2745
55	145	191	4686
45	282	305	6641
35	403	397	
25	503	573	
15	682	676	
5	812	800	
0	858	858	

COEFFICIENTS OF UTILIZATION ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80		70		50	
	50	30	50	30	50	30
RW	50	30	50	30	50	30
0	46	46	45	45	42	42
1	41	40	40	40	39	38
2	36	34	36	34	34	34
3	34	30	33	30	32	29
4	30	28	29	27	28	27
5	28	25	27	25	27	23
6	25	22	25	22	23	22
7	23	20	23	20	22	20
8	22	19	20	17	20	17
9	20	17	20	17	19	17
10	19	16	17	16	17	16

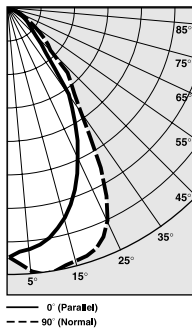
OM62H26QPLSPL-FL Photometric Data

Fresnel Lens with White Regressed Splay

Report Number: 20722
 Lamp: (2) CFQ26W
 Total Lumens: 3600
 Fixture Efficiency: = 28.9%
 IES File: F20722.IES
 S/MH Ratio = 0.9, 1.1
 Beam Angle: 68.61

LIGHTING PERFORMANCE DATA		
CEILING HEIGHT* (FT.)	INITIAL FOOTCANDLES	BEAM DIAMETER (FT.-IN.)
8	24.8	7-6
10	13.4	10-3
12	8.3	12-12
14	5.7	15-8
16	4.1	18-5

DISTRIBUTION CURVE



DEGREES	CANDELA		FOOT-LAMBERTS
	AT 0°	AT 90°	
90	0	1	
85	3	3	551
75	16	15	958
65	37	44	1533
55	67	97	2287
45	114	177	3292
35	315	376	
25	491	705	
15	653	788	
5	729	797	
0	751	751	

COEFFICIENTS OF UTILIZATION ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80		70		50	
	50	30	50	30	50	30
RW	50	30	50	30	50	30
0	34	34	34	34	32	32
1	30	29	30	29	29	28
2	28	27	28	27	27	26
3	26	23	26	23	25	23
4	23	22	23	22	23	20
5	22	20	22	20	20	20
6	20	17	20	17	20	17
7	19	17	19	17	17	17
8	17	16	17	14	17	14
9	16	14	16	14	16	14
10	14	13	14	13	14	13

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*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