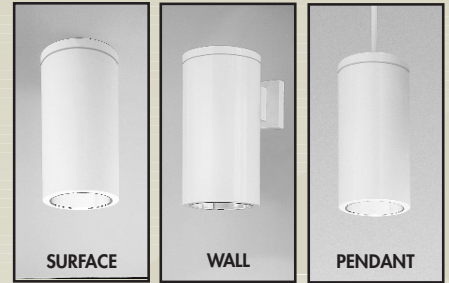


OM642PLTPCSPL

6" Splay Lens Reflector Vertical 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) Type 1 Class P, high power factor universal voltage compact fluorescent ballast. Offers 1 lamp operation for 120 through 277 volt input voltage.

	18W 120V	18W 277V	26W 120V	26W 277V	32W 120V	32W 277V	42W 120V	42W 277V
Line current amps	.19	.08	.25	.11	.32	.14	.42	.18
Input watts including ballast loss	22	22	28	28	36	36	48	48
Ballast factor	1.00	1.00	.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. **Splay Trim** - Spun aluminum regressed splay trim with white powder paint finish. Torsion spring mounting for ease of installation. Flat fresnel and prismatic lens for smooth, even distribution of light. Flat clear lens for enclosed application.

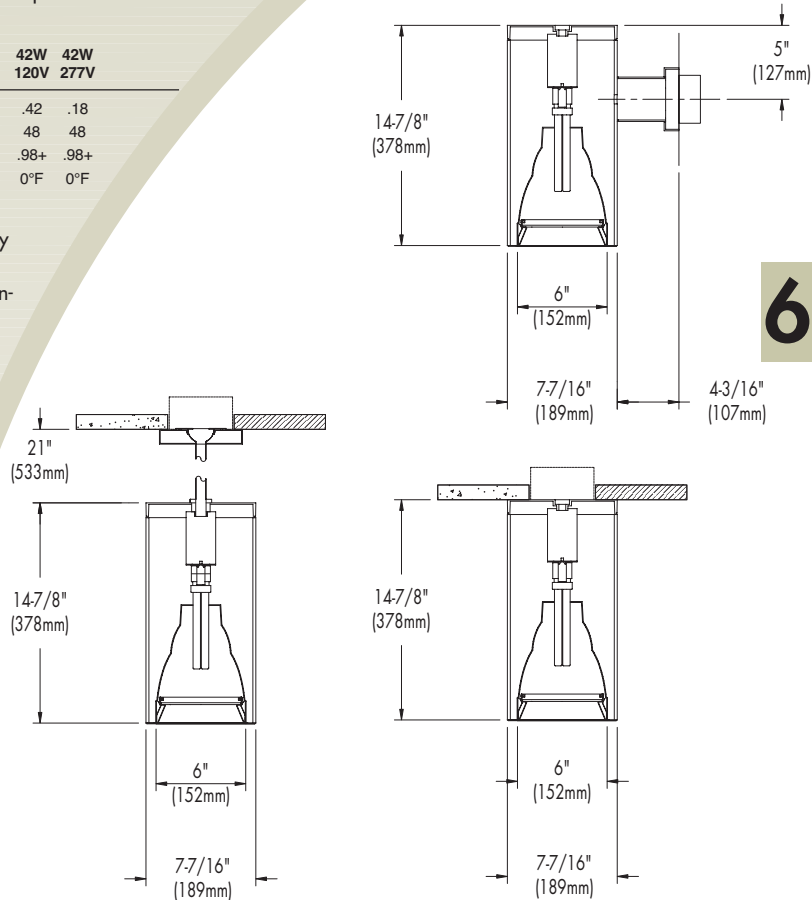
5. **Socket** - CFM42W/GX24q, CFM32W/GX24q, CFM26W/GX24q, CFM18W/GX24q, CFQ26W/G24q, CFQ18W/G24q, CFQ13W/G24q

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. **Aligning Canopy** - Die cast aluminum free moving and self aligning outlet box cover. Attaches to 3 1/4" or 4" octagon outlet box (by others). Allows for up to 45" adjustability for use with sloped ceilings or seismic requirements. Add AC2 for two aligning canopies - one mounted to outlet box, and one mounted to fixture.

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

OMEGA Aprt	Lamp (by others)	Product Family	Reflector Option	Lens Option (Required)	Options ¹	Supply Voltage
OM6						
42 PLT	Triple Tube CFL	SC Surface Cylinder	SPL Splay Lens (white)	FL Fresnel Lens	EM Emergency	U 120/277
32 PLT	Triple Tube CFL	WC Wall Cylinder	CSSPL Clear Specular Splay	PL Prismatic Lens	F1 Fusing 120V	3 347✦
26 PLT	Triple Tube CFL	PC Pendant Cylinder ²	BBSPL Black Baffle Splay	CL Clear Lens	F2 Fusing 277V	
18 PLT	Triple Tube CFL		BKSPL Splay Lens (black)		F3 Fusing 347V	
26 QPL	Quad Tube CFL				D1 Dimming 120V	
18 QPL	Quad Tube CFL				D2 Dimming 277V	
13 QPL	Quad Tube CFL				WL Wet Location ³	
					AC2 2 Aligning Canopies	



FIVE YEAR
Warranty

1. Consult factory for 13 QPL Dimming.
2. Stem length is 21". Consult factory for other lengths.
3. Wet location not available on pendant cylinders.

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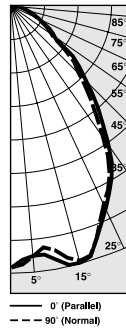
Photometric Data

Fresnel Lens with White Regressed Splay

Report Number: 20735
 Lamp: (1)CFM42W
 Total Lumens: 3200
 Fixture Efficiency: = 40.2%
 IES File: F20735.IES
 S/MH Ratio = 1.1, 1.1
 Beam Angle: 79.47

LIGHTING PERFORMANCE DATA		
CEILING HEIGHT* (FT.)	INITIAL FOOTCANDLES	BEAM DIAMETER (FT.-IN.)
8	24.0	9-2
10	12.9	12-6
12	8.0	15-10
14	5.5	19-1
16	4.0	22-5

DISTRIBUTION CURVE



DEGREES	CANDELA		FOOT-LAMBERTS
	AT 0°	AT 90°	
90	0	0	
85	4	4	734
75	26	23	1515
65	72	68	2650
55	141	131	3794
45	286	258	6155
35	465	437	
25	618	605	
15	738	732	
5	696	697	
0	726	726	

COEFFICIENTS OF UTILIZATION ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80		70		50	
	50	30	50	30	50	30
0	47	47	46	46	45	45
1	42	41	41	40	40	40
2	39	36	38	35	36	34
3	34	32	34	32	33	30
4	32	28	30	28	29	28
5	28	26	28	26	28	25
6	27	23	26	23	26	23
7	23	20	23	20	23	20
8	23	20	22	19	22	19
9	20	17	20	17	20	17
10	19	17	19	17	19	16

OM626QPLSPL-FL

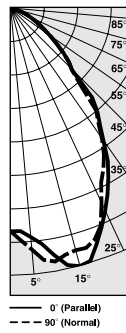
Photometric Data

Fresnel Lens with White Regressed Splay

Report Number: 20711
 Lamp: (1)CFQ26W
 Total Lumens: 1800
 Fixture Efficiency: = 38.0%
 IES File: F20711.IES
 S/MH Ratio = 1.2, 1.2
 Beam Angle: 84.47

LIGHTING PERFORMANCE DATA		
CEILING HEIGHT* (FT.)	INITIAL FOOTCANDLES	BEAM DIAMETER (FT.-IN.)
8	11.2	9-12
10	6.0	13-7
12	3.8	17-3
14	2.6	20-11
16	1.9	24-6

DISTRIBUTION CURVE



DEGREES	CANDELA		FOOT-LAMBERTS
	AT 0°	AT 90°	
90	0	0	
85	0	0	0
75	0	0	0
65	0	0	0
55	2	0	28
45	63	62	1414
35	237	235	
25	312	308	
15	391	378	
5	478	509	
0	512	512	

COEFFICIENTS OF UTILIZATION ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80		70		50	
	50	30	50	30	50	30
0	45	45	44	44	41	41
1	40	40	40	39	39	38
2	36	34	35	34	34	33
3	33	30	33	30	32	29
4	29	28	29	27	28	27
5	28	25	27	25	26	23
6	25	22	25	22	23	22
7	23	20	23	20	22	20
8	22	19	20	19	20	17
9	20	17	20	17	19	17
10	19	16	17	16	17	16

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*Readings at working plane, 2'6" above floor. Beam Angle and Diameter Cutoff at 50% of max.
 Candlpower 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