

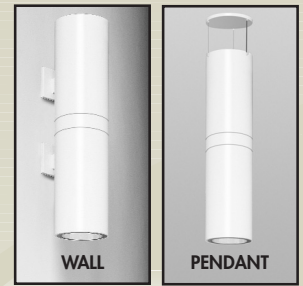
OM642PLTUPDNPC SPL

6" Splay Lens Reflector 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) Type 1 Class P, high power factor universal voltage compact fluorescent ballast. Offers 2 lamp operation for 120 through 277 volt input voltage.

	(2) 18W 120V	18W 277V	(2) 26W 120V	26W 277V	(2) 32W 120V	32W 277V	(2) 42W 120V	42W 277V
Line current amps	.34	.15	.49	.21	.58	.26	.76	.32
Input watts including ballast loss	40	40	56	56	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. **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.

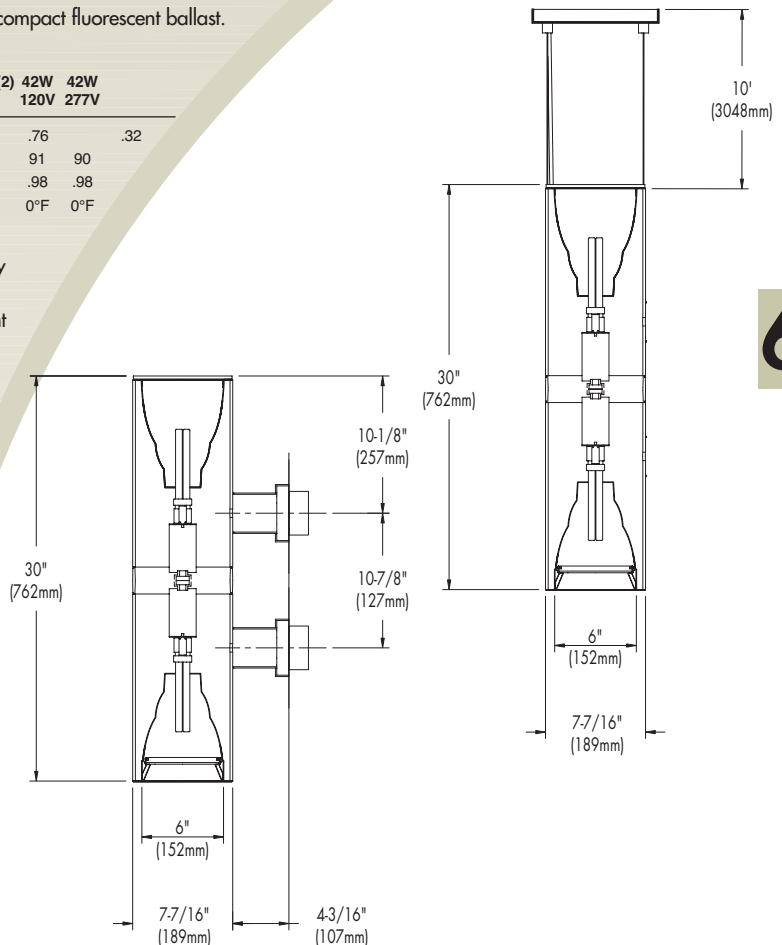
5. **Socket** - CFM42W/GX24q, CFM32W/GX24q, CFM26W/GX24q, CFQ26W/G24q, CFQ18W/G24q

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: **OM642PLTUPDNPC-SPL-FL-U**

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



FIVE YEAR
Warranty

* Emergency not available on pendant cylinders.

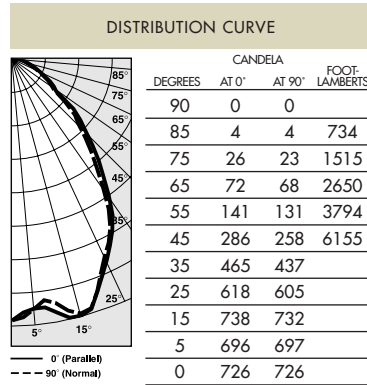
Note: Downlight data shown, upright has the same distribution.

OM642PLTSPL-FL 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



COEFFICIENTS OF UTILIZATION ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

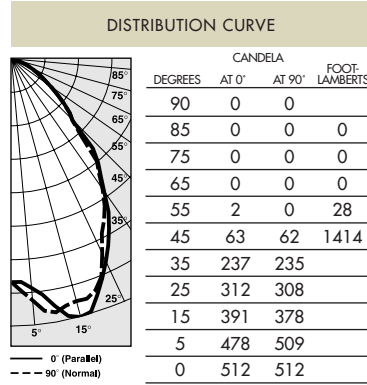
RC	80			70			50		
	50	30	50	30	50	30	50	30	
0	47	47	46	46	45	45	45	45	
1	42	41	41	40	40	40	40	40	
2	39	36	38	35	36	34	36	34	
3	34	32	34	32	33	30	33	30	
4	32	28	30	28	29	28	29	28	
5	28	26	28	26	28	25	28	25	
6	27	23	26	23	26	23	26	23	
7	23	20	23	20	23	20	23	20	
8	23	20	22	19	22	19	22	19	
9	20	17	20	17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

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



COEFFICIENTS OF UTILIZATION ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

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