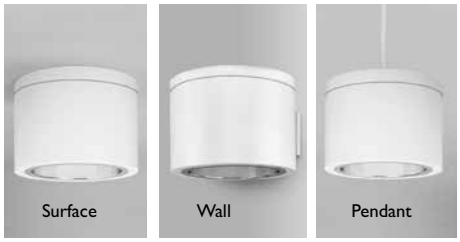
Revelation CFL Cylinders
OM61H42PLTPC
6" Open Reflector Horizontal



application

- Small aperture open reflector cylinder 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.

construction

- Ballast: One (1) Type 1 Class P, high power factor universal voltage electronic compact fluorescent ballast. Offers both 1 or 2 lamp operation for 120 through 277 volt input voltage.
- 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.
- Installation: Grounded circle strap provided for mounting to junction box (by others). Ballasts and wiring compartment are accessible from below fixture.
- Reflectors: Precision spun .050 aluminum one piece reflector, self flanged with clear specular low iridescent Alzak finish. The reflector is screw mounted for positive attachment to the socket assembly. Polished flat flange matches reflector finish.
- Socket: CFM42W/GX24q, CFM32W/GX24q, CFM26W/G24q, CFM18W/G24q, or CFQ26W/G24q, CFQ18W/G24q, CFQ13W/G24q
- 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 8-1.
- Aligning Canopy: (Pendant only) Die cast aluminum free moving and self aligning outlet box cover. Attaches to 3-1/2" 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.
- c/U.L. Listed: For use in damp locations. I.B.E.W. union made.

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

Specifier's Reference

Project
Type
Model No.
Comments

Green Choice: OM82H32PLTSCCSFFU

OM6

Family
OM6 – 6 inch Aperture

No. & Position of Lamps
1H
2H[1]

Lamps (by others)
42PLT – Triple Tube
32PLT – Triple Tube
26PLT – Triple Tube
18PLT – Triple Tube
26QPL – Quad Tube
18QPL – Quad Tube
13QPL – Quad Tube

Product Family
SC Surface Cylinder
WC Wall Cylinder
PC Pendant Cylinder[2]

Reflector Finish
CSFF – Clear Specular
CSSFF – Clear Semi-Specular
HZFF – Haze
GSFF – Gold Specular
WTFF – Wheat
PWFF – Pewter

Options
EM – Emergency Remote Test Switch
F1 – 120 Fusing
F2 – 277 Fusing
F3 – 347 Fusing
DX1 – Dimming Advance Mark X 120VAC[4]
DX2 – Dimming Advance Mark X 277VAC[4]
DL1 – Dimming Lutron ECO 120VAC[4]
DL2 – Dimming Lutron ECO 277VAC[4]
AC2 – Aluminum Canopies[3]
ALA – Aluminum Paint
BK – Black Paint
BZ – Bronze Paint

Supply Voltage
U – Universal 120/277 VAC
347 – 347 VAC 50/60 Hz

Footnote
1. 2 lamp configuration available for Quad tube lamps only.
2. Stem length is 21" Consult factory for other lengths.
3. Pendant cylinders only.
4. Consult factory for 13W QPL dimming.

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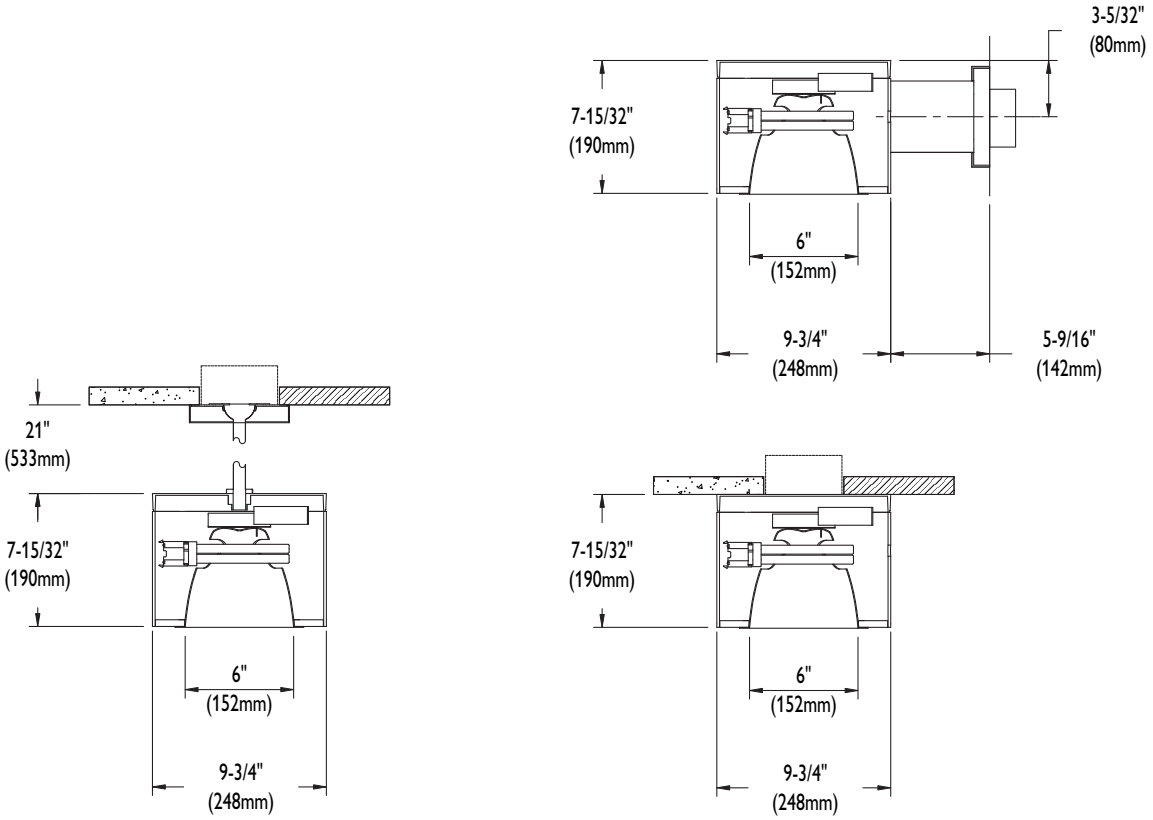
dimensions



ballast lamp operation

	(2)13W	13W	(1)18W	18W	(1)26W	26W	(1)42W	42W
	120V	277V	120V	277V	120V	277V	120V	277V
Line current amps	.27	.12	.19	.08	.25	.11	.42	.18
Input watts including ballast loss	32	32	22	22	28	28	48	48
Ballast factor	.98	.98	1.00	1.00	.98+	.98+	.98+	.98+
Minimum starting temperature	0°F	0°F	0°F	0°F	0°F	0°F	0°F	0°F

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photometrics

OM61H42PLT-CS

Fresnel Lens with White Regressed Splay

Test No.	F20716
S/MH	1.4, 1.5
Lamp Type	(1) CFM42W
Total Fixture Lumens	3200
IES File	F20716.ies
Beam Angle	106.85
Luminaire Efficiency	53.9%

Candle Power

Angle	At 0°	At 90°	Foot Lamberts
90	0	0	
85	0	0	0
75	0	0	93
65	37	24	1155
55	235	292	7350
45	549	645	13509
35	654	690	
25	678	564	
15	613	680	
5	679	714	
0	697	697	

Coefficients of Utilization

pcc	80		70		50	
pw	50	30	50	30	50	30
RCR						
0	64	64	63	63	59	59
1	57	56	56	55	55	53
2	54	48	51	48	48	46
3	46	42	46	42	44	41
4	41	38	40	36	40	36
5	38	33	36	33	35	33
6	34	29	34	28	33	28
7	30	27	30	26	29	26
8	28	23	28	23	27	23
9	26	22	26	22	25	20
10	23	20	23	20	23	20

OM62H26QPL-CS

Fresnel Lens with White Regressed Splay

Test No.	L1808
S/MH	1.2
Lamp Type	(2) CFQ26W Quad Tube
Total Fixture Lumens	3600
IES File	EY3685.ies
Beam Angle	75.85
Luminaire Efficiency	45.9%

Candle Power

Angle	At 0°	At 90°	Foot Lamberts
90	0	0	
85	0	0	0
75	0	0	0
65	2	3	87
55	15	9	429
45	222	196	5019
35	741	798	
25	1100	1030	
15	1152	1218	
5	1173	1254	
0	1165	1165	

Coefficients of Utilization

pcc	80		70		50	
pw	50	30	50	30	50	30
RCR						
0	54	54	53	53	51	51
1	50	49	50	48	48	47
2	47	45	46	44	45	43
3	44	41	43	41	42	40
4	40	38	40	37	39	37
5	38	35	37	34	36	34
6	35	32	35	32	34	32
7	33	30	32	29	32	29
8	30	27	30	27	29	27
9	28	25	27	24	27	24
10	25	22	25	22	25	22

Hg

Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled, "Contain Mercury" and/or the symbol "HG". Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at www.lamprecycle.org

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