Revelation CFL Cylinders
OM61H42PLTXBSC
6" Parabolic Louvered Reflector

application

- Parabolic louvered reflector 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.

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: Precision spun aluminum. 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: Upper reflector provided with housing for maximum optical performance. Trim reflector is precision spun .050 aluminum, self flanged with clear Alzak low iridescent finish. Polished flat flange matches trim finish.
- Parabolic Louver: Specular low iridescent or white painted aluminum secured to trim reflector, designed for excellent visual cutoff with maximum lumen output.
- Socket: CFM42W/GX24q, CFM32W/GX24q, CFM26W/GX24q, CFM18W/GX24q, 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.

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

Specifier's Reference

Project
Type
Model No.
Comments

Green Choice: OM62H26QPLPCXBCSFFU

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 Type
XB – Cross Baffle
SRD – Open Reflector

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 – Aligning 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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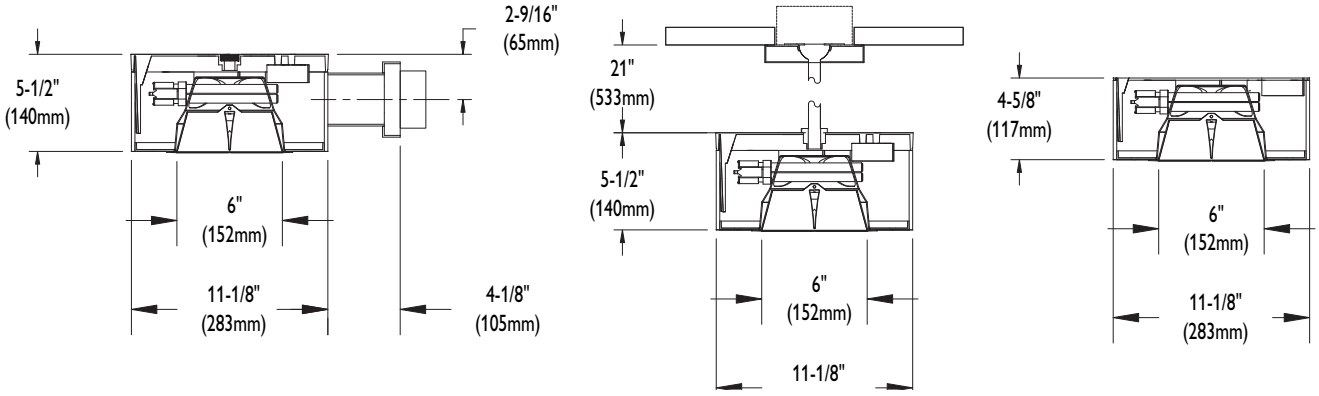

ballast lamp operation

	(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

OM61H42PLTXB-CS

Clear Specular Cross Baffle	
Test No.	F20502
S/MH	1.0, 1.1
Lamp Type	(1) CFM42W
Total Fixture Lumens	3200
IES File	F20502.ies
Beam Angle	71.96
Luminaire Efficiency	38.8%

Candle Power

Angle	At 0°	At 90°	Foot Lamberts
90	0	0	
85	0	0	0
75	0	0	0
65	0	0	0
55	12	18	418
45	149	203	3982
35	506	597	
25	811	903	
15	1001	987	
5	1027	1023	
0	1032	1032	

Coefficients of Utilization

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

OM62H26QPLXB-CS

Clear Specular Cross Baffle	
Test No.	F20507
S/MH	0.9, 1.0
Lamp Type	(2) CFQ26W
Total Fixture Lumens	3600
IES File	F20507.ies
Beam Angle	64.19
Luminaire Efficiency	28.3%

Candle Power

Angle	At 0°	At 90°	Foot Lamberts
90	0	0	
85	0	0	0
75	0	0	0
65	0	2	38
55	8	20	391
45	123	151	3100
35	421	412	
25	667	683	
15	863	918	
5	946	989	
0	975	975	

Coefficients of Utilization

pcc	80		70		50	
pw	50	30	50	30	50	30
RCR						
0	34	34	33	33	30	30
1	30	29	30	29	28	28
2	28	28	28	27	27	27
3	27	25	26	25	26	25
4	25	23	25	23	23	23
5	23	20	23	20	22	20
6	22	20	20	20	20	19
7	20	17	20	17	20	17
8	19	17	19	17	17	17
9	17	16	17	16	17	16
10	17	14	17	14	16	14

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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