

# SONAR II FROSTED LENS LOWBAY

**DELRAY  
LIGHTING  
INCORPORATED**

**7800**



**TYPE:**

**PROJECT:**

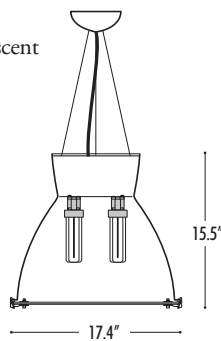
**ORDER NUMBER:**

Model#	Lamp Qty.	Wattage	Ballast	Options*
	<b>1, 2, 3, 4</b>	<b>26-42 CF</b>	<b>UE, SS</b>	<b>EM</b> -Emergency
	<b>1</b>	<b>70, 100,</b>	<b>MH1, MH2</b>	Dimming:
	<b>1</b>	<b>150 CMH</b>		<b>D3, D5, D8 or D9</b>
		<b>INC-150W</b>		<b>CM1</b>
				<i>*See Back Page</i>

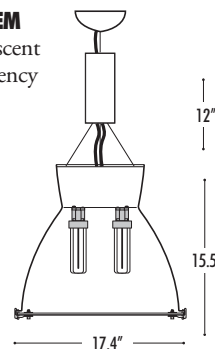
## COMPACT FLUORESCENT

Spun matte anodized .063 aluminum housing. Canopy mounts to standard J-boxes, suspends from aircraft cables with push button gliders and is supplied with a 6' power cord. Sockets and ballasts operate 26, 32 and 42W triple tubes. New component and lens design provides maximum airflow, allowing for additional lamps. Voltage is 120 through 277V. **SS**- separate switching. **D**-dimming. **EM**- emergency battery pack, which ignites one lamp at 650 lumens for 90 minutes. Voltage *must* be specified. U.L. listed for damp locations.

**7800**  
Fluorescent



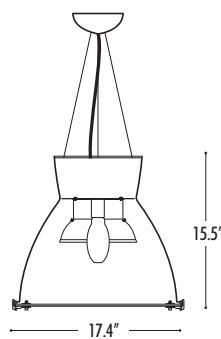
**7800/EM**  
Fluorescent  
Emergency  
Pack



## METAL HALIDE

.063 spun matte anodized aluminum housing. Canopy mounts to standard J-boxes, suspends from aircraft cables with push button gliders and is supplied with a 6' power cord. (*Note: CMI pipe mount not available for metal halide fixtures.*) Metal halide ballasts are electronic square wave type, for use with medium base, ceramic arc tube, color corrected lamps rated for open and enclosed fixtures. U.L. listed for damp locations.

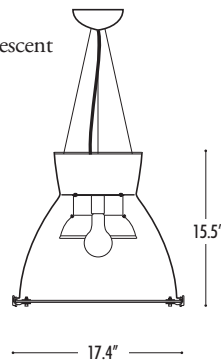
**7800**  
Metal  
Halide



## INCANDESCENT

Spun matte anodized .063 aluminum housing. Canopy mounts to standard J-boxes, suspends from aircraft cables with push button gliders and is supplied with a 6' power cord. Incandescent 150W maximum. U.L. listed for damp locations.

**7800**  
Incandescent

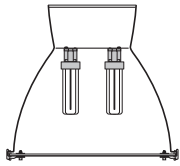


**NOTE:** Aircraft cable suspension is not recommended for outdoor use, where fixture will be exposed to water, or subject to wind oscillation. Avoid use near HVAC vents and in environments with corrosive chemical vapors, such as swimming pools.

**BURBANK,  
CALIFORNIA,  
91505  
WWW.  
DELRAY  
LIGHTING.  
COM**

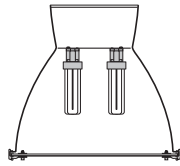
## LENSED LOWBAY

7800432



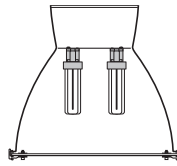
## LENSED LOWBAY

7800442



## LENSED LOWBAY

7800100



### CONE OF LIGHT

MTG. HT.	FC/0°	DIA.
4'	76	6.3
6'	34	9.4
8'	19	12.5
10'	12	15.6
12'	8	18.8

50% FC at edge

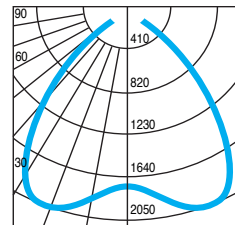
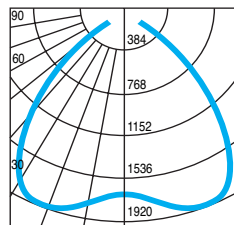
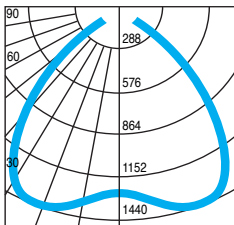
MTG. HT.	FC/0°	DIA.
4'	101	6.3
6'	45	9.4
8'	25	12.5
10'	16	15.6
12'	11	18.8

50% FC at edge

MTG. HT.	FC/0°	DIA.
4'	107	6.3
6'	48	9.4
8'	27	12.5
10'	17	15.6
12'	12	18.8

50% FC at edge

### CP DISTRIBUTION



### COEFFICIENTS OF UTILIZATION

% CEILING 80 (20% FLOOR)	% WALL 70 (20% FLOOR)		
	70	50	30
0	51	51	51
1	47	46	44
2	44	41	39
3	41	37	35
4	38	34	30
5	35	30	27
6	33	28	24
7	30	25	22
8	28	23	19
9	26	21	17
10	23	18	15

% CEILING 80 (20% FLOOR)	% WALL 70 (20% FLOOR)		
	70	50	30
0	51	51	51
1	47	46	44
2	44	41	39
3	41	37	35
4	38	34	30
5	35	30	27
6	33	28	24
7	30	25	22
8	28	23	19
9	26	21	17
10	23	18	15

% CEILING 80 (20% FLOOR)	% WALL 70 (20% FLOOR)		
	70	50	30
0	67	67	67
1	63	60	58
2	58	55	53
3	54	50	46
4	50	45	41
5	47	41	36
6	43	37	33
7	40	34	29
8	37	30	26
9	35	28	23
10	31	24	20

### NOTES

#### 7800432

4-32W triple tubes  
G24q-3 socket  
Total lumens: 9600  
Spacing criteria: 1.4

#### 7800442

4-42W triple tubes  
G24q-4 socket  
Total lumens: 12800  
Spacing criteria: 1.4

#### 7800100

1-100W ED17  
medium base socket  
Total lumens: 6800  
Spacing criteria: 1.4

Use only medium base, coated and protected, ceramic metal halide ED17 lamps.

## BALLAST INFO

- Standard in universal voltage 120V through 277V.
- **UE**—Universal electronic
- **SS**—Separate switching for three lamps *only*.
- All **UE** and **SS** models have sockets and ballasts that operate 26, 32 and 42W lamps.

### DIMMING

#### D3—Advance Mark X:

- Voltage *must* be specified, 120V or 277V.
- Max. wattage: 3x 26/32/42.
- Range: 5–100%
- Control wires: none

#### D5—Advance Mark VII:

- Voltage *must* be specified, 120V or 277V.
- Max. wattage: 3x 26/32/42.
- Range: 5–100%
- Control wires: 2 low voltage
- Dimmers: one 10V analog

#### D8—Lutron Hi-Lume:

- Voltage *must* be specified, 120V or 277V.
- Max. wattage: 2x 26/32W. (Requires two ballasts.)
- 1% for 26 or 32W lamp
- Controls lumen output down to ±1%.

#### D9—Lutron EcoSystem:

- Voltage *must* be specified, 120V or 277V.
- Max. wattage: 3x 26/32/42.
- Range: 5–100%
- Control wires: orange and/or purple/gray
- Dimmers: Lutron only

### LENS

Frosted  $\frac{3}{16}$ " tempered, soda lime glass with 2" ventilation opening, silkscreen logo. Secured with a rubber gasket, the lens is held in place by three positive-locking clamps.

### EXTERIOR LOCATIONS

**CM1**— $\frac{1}{2}$ " ID hard stem option, supplied with swivel canopy for earthquake code, sloped ceilings, and indoor areas with light air movement (e.g., near HVAC vents). Pipe replaces power cord and cable. Length must be specified.

Pipe longer than 8 ft. will be shipped in two sections—one 8 ft., the other for the balance—with painted, threaded pipe coupler and set screws. *Not available for metal halide fixtures.*

