

## SONAR II LED FROSTED LENS LOWBAY

**DELRAY  
LIGHTING  
INCORPORATED**

**IL7800**



**TYPE:**

**PROJECT:**

**ORDER NUMBER:**

| Model#        | Milliamps    | LEDs       | Voltage       | Options   |
|---------------|--------------|------------|---------------|---|
| <b>IL7800</b> | <b>1,050</b> | <b>W30</b> | <b>1-120V</b> | <b>EM</b> —Emergency<br>Battery Pack<br><b>D9A</b> —Lutron<br>dimming driver* |
|               | <b>750</b>   | <b>W35</b> | <b>2-277V</b> |   |
|               | <b>500</b>   | <b>W40</b> |               |   |
|               |              |            |               | <b>XP</b> —extra<br>pendant length**  |

\*See back page for details.

\*\*Specify extra pendant length  
(in inches): \_\_\_\_\_

### CONSTRUCTION

- Spun matte anodized .063 aluminum housing.
- Canopy mounts to standard J-boxes, suspends from aircraft cables with push button gliders.
- Standard mount is 6 ft. adjustable aircraft cable and power cord. Order **XP** for extra pendant length.

### 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.

### LED DRIVERS

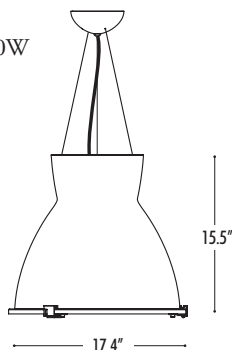
- Constant current, 0–10V dimming, universal voltage driver.
- Standard and dimming drivers mounted inside fixture. Mounts to all standard J-boxes.
- cU.L. listed for dry locations only.
- **EM**—emergency battery pack, which ignites LED array to 650 lumens for 90 minutes. Voltage must be specified.

### LEDs

- Nichia Corp. chips, available in three white color temperatures: **W30** (3000° K), **W35** (3500° K), and **W40** (4000° K).

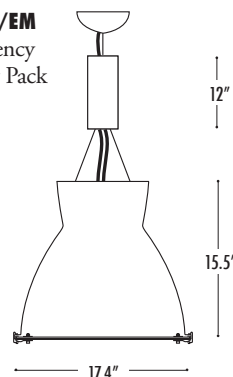
### IL7800

30, 40, 50W  
LED



### IL7800/EM

Emergency  
Battery Pack



Specify LED color:

**W30**—White (3000° K)

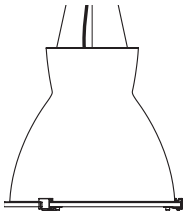
**W35**—White (3500° K)

**W40**—White (4000° K)

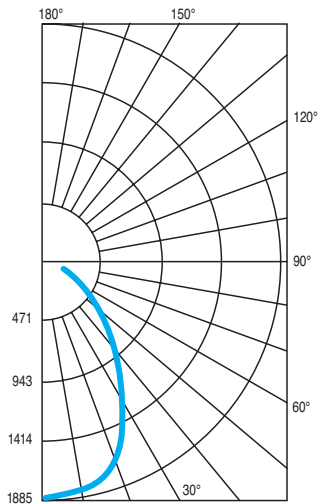
**BURBANK,  
CALIFORNIA,  
91505  
WWW.  
DELRAY  
LIGHTING.  
COM**

## LENSED LOWBAY

### IL7800.W35



## CP DISTRIBUTION



## COEFFICIENTS

### % CEILING 80 (20% FLOOR)

| % WALL | 70  | 50  | 30  |
|--------|-----|-----|-----|
| 0      | 119 | 119 | 119 |
| 1      | 110 | 106 | 103 |
| 2      | 102 | 95  | 89  |
| 3      | 94  | 85  | 77  |
| 4      | 87  | 76  | 68  |
| 5      | 80  | 69  | 61  |
| 6      | 75  | 63  | 55  |
| 7      | 70  | 57  | 49  |
| 8      | 65  | 53  | 45  |
| 9      | 61  | 49  | 41  |
| 10     | 58  | 46  | 38  |

## NOTES

### IL7800.W35

50W 3500° K LEDs  
 Total lumens: 3,558  
 Spacing criteria: 1.06

| Watts | Lumens | mA    |
|-------|--------|-------|
| 50    | 3,558  | 1,050 |
| 35    | 2,490  | 750   |
| 23    | 1,680  | 500   |

## IL7800 – LED

These LED luminaires that provide conventional footcandle levels at less than or equal to 1.4W/FT<sup>2</sup>.

Featuring Nichia Corp. chips, available in three white color temperatures: **W30** (3000° K), **W35** (3500° K), and **W40** (4000° K); matching the traditional CCT of existing incandescent, fluorescent, and metal halide lamps.

cUL rated for dry locations only.

## LM-79 TEST SUMMARY - IL7800.W35

|                                     |                 |
|-------------------------------------|-----------------|
| <b>Driver:</b>                      | Philips Advance |
| <b>Total Lumens:</b>                | 3558.08         |
| <b>Input Power (W):</b>             | 57.30           |
| <b>Efficacy:</b>                    | 66.68           |
| <b>Color Rendering Index (CRI):</b> | 87              |

### CAUTION

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.

## DIMMING

### STANDARD

- Constant current, 0–10V universal voltage, 10%.

### LUTRON DRIVER OPTION

- D9A** – Lutron Hi-Lume A-Series LED Driver (1%).
- EcoSystem (3-wire) control.
  - 40–53W, universal voltage (120–277V).
  - Constant current (1.05A) driver, with pulse width modulation (PWM) dimming.