

Cat. #		Approvals
Job	Type	

### APPLICATIONS

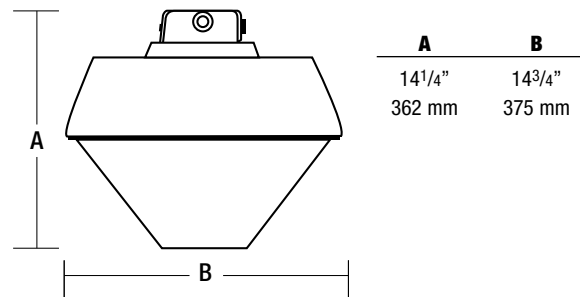
- For special environments like damp, wet, heavy dust, heavy vibration, or Class I, Division 2/Zone 2 listed areas
- For hazardous locations and demanding areas such as power plants, chemical, petrochemical, and tank farms
- Ideal for demanding dust-tight and hosedown applications such as papermills and cement plants

### SPECIFICATIONS

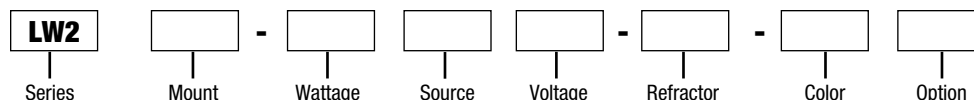
- 2.3:1 spacing-to-mounting height ratio
- Minimal glare, 25% uplight, over 93% efficiency, and ingress protection of IP65
- Available in HID and fluorescent lamped fixtures
- Luminaires shipped with lamps installed for ease of installation
- Ceiling thru-wire/pendant, wall and stanchion mounting choices
- Enclosed and gasketed luminaire is available in HID and fluorescent light sources
- Choice of mogul base HPS, PSMH and triple tube fluorescent.
- External hardware – Hubbell Guard®

### LISTINGS

- Class I, Division 2: Groups A, B, C, D / Class I, Zone 2, Group IIC, IIB and IIA
- UL 844 hazardous and 1570/1572 wet location listed / CSA C 22.2 No. 137-M1981
- IP Suitability: IP65



### ORDERING INFORMATION: LW2C-84F1-A-LTP



#### SERIES

**LW2** Lightwatt Hazardous

#### MOUNT

**C** Ceiling Thru-Wire/Pendant  
**B** Pipe Wall Bracket  
**S** Stanchion/Davit

#### WATTAGE

**42** 42W Compact Triple Tube Fluorescent  
**64** 2x32W Compact Triple Tube Fluorescent  
**70** 70W HPS, PSMH  
**84** 2x42W Compact Triple Tube Fluorescent  
**10** 100W HPS, PSMH (UV protected)  
**15** 150W HPS, PSMH

#### SOURCE

**S** High Pressure Sodium  
**F** Fluorescent  
**P** Pulse Start

#### VOLTAGE

**5** 480V  
**6** Tri-Tap® 120/277/347V  
**8** Quad-Tap® (multi-tap) 120/208/240/277V  
**E** 220/240V, 50 Hz (HPS & MH only)  
**P** 220V, 60 Hz (avail. for limited light sources, consult factory)

#### REFRACTOR

**A** Acrylic  
**P** Polycarbonate (HPS, Fluorescent 55°C rating)

#### COLOR

**WH** White Lektrocote®  
**GR** Gray Lektrocote®

#### OPTIONS

**F(X)** Fusing (Specify voltage)<sup>1</sup>  
**LTP** Tamper Resistant Screws  
**LL** Less Lamp<sup>2</sup>  
**RS** Hot Re-Strike (HPS only)  
**FP** National sanitation foundation listed

<sup>1</sup> Specify line voltage, replace X with  
**1** - 120V, **2** - 208V, **3** - 240V, **4** - 277V,  
**5** - 480V, **6** - 347V.  
<sup>2</sup> Fixture shipped with lamps installed as standard.

#### ACCESSORY

(order as separate part #)

Catalog Number	Description
LW-G	Steel Wire Guard

**TEMPERATURE RATINGS (T-RATINGS)<sup>1</sup>** (measured at ambient temperatures listed)

Classification	Class I, Div. 2 Groups A, B, C, D		Class I, Zone 2 Groups IIC, IIB, IIA	
	40°C T-Rating	55°C T-Rating	40°C T-Rating	55°C T-Rating
Wattage/Lamp Type				
70 watt HPS	T3A	T2D	T3	T2
100 watt HPS	T2C	T2B	T2	T2
150 watt HPS	T2B	T2A	T2	T2
70 watt PS	T3C	T3A	T3	T3
100 watt PS	T3B	T3A	T3	T3
150 watt PS	T2D	T2	T2	T2
42 watt Fluorescent	T3C	T3A	T3	T3
64 watt Fluorescent	T3C	T3A	T3	T3
84 watt Fluorescent	T3B	T3A	T3	T3

Note: 90°C supply wire required.

<sup>1</sup> Class I, Division 2 T-Ratings per National Electrical Code® Table 500-5(d).

Class I, Zone 2 T-Ratings per National Electrical Code Table 505-10(b)(3).

**AMBIENT (C°) SUITABILITIES (ACRYLIC OPTICS)<sup>2</sup>**

Wattage	HPS	PS	Fluorescent
42 watt	–	–	50°C
64 watt	–	–	45°C
84 watt	–	–	40°C
70 watt	55°C	55°C	–
100 watt	50°C	50°C	–
150 watt	40°C	40°C <sup>1</sup>	–

<sup>1</sup> Fixture testing with U.V. Guard Lamp.

<sup>2</sup> Polycarbonate optic results in 55°C for all HPS and fluorescent wattages and lamp sources. When used with PSMH, recommended use of 150W U.V. Guard lamp only, resulting also in 55°C.

Due to our continued efforts to improve our products, product specifications are subject to change without notice.



Industrial Lighting

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For more information visit our web site: [www.hubbell-ltg.com](http://www.hubbell-ltg.com)