



Job Name: _____

Type: _____

Part #: _____

Notes: _____

LS1400TD-CW

COLD WEATHER RATED FLOURESCENT EMERGENCY BALLAST 1400 LUMENS

STANDARD



ILLUMINATION

- Works with or without an AC ballast to convert new or existing fluorescent fixtures in to unobtrusive emergency lighting.
- Operates one or two lamps in the emergency mode for a minimum of 90-minutes.
- Provides a maximum initial lumen output of 1400 lumens.
- Rated for extreme cold temperature applications (From -4°F to 122°F).

ELECTRICAL

- Dual 120/277 voltage.
- Charge rate/power "ON" LED indicator light and push-to-test switch for mandated code compliance testing.
- 6V long life, maintenance-free, rechargeable sealed NiCd battery.
- Internal solid-state transfer switch automatically connects the internal battery to fluorecent lamp(s) for minimum 90-minute emergency illumination.
- Fully automatic solid-state, two rate charger initiates battery charging to recharge a discharged battery in 24 hours.
- Time delay enhancement to overcome end-of-life circuit protection.

MOUNTING

- Suitable for installation inside, on top or in remote* of the fixture.
- Can be used in both switched and unswitched fixtures.
- UL Listed for factory or field installation.

HOUSING

- Durable painted steel construction in white finish.
- Compact design fits most fluorescent fixtures.

ORDERING INFORMATION

*When battery packs are remote mounted, the remote distance cannot exceed 1/2 of the distance from ballast to lamp specified by the A.C. ballast manufacturer. The maximum allowable remote mounting distance is 50 feet.



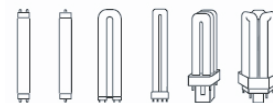
LED Test switch included.

LISTINGS AND WARRANTIES

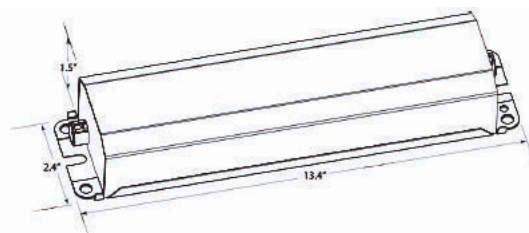
- 5-year limited warranty. For further details, refer to General Warranty and Obligations in the Isolite manual or on our website. Lamps not warranted.
- From -4°F to 122°F
- UL 924
- UL Listed for Damp Location
- NFPA Life Safety Code 101
- NFPA 70-NEC
- OSHA

LAMP COMPATIBILITY

- Compatible with most one-, two-, three-, and four-lamp electronic, standard and dimming AC ballasts.
- Operates one or two T5, T5HO, T8, T12, T8HO, T12HO, Circular T5/T9, U-bend T8/T12, 4-Pin CFL, and long CFL lamps in emergency mode. Refer to the chart on the next page for a complete list of compatible lamps.



DIMENSIONS



Sample Part Number: **LS1400TD-CW**

MODEL	DESCRIPTION
LS1400C-4ACTD-SDT	1400 Lumens Cold Weather Rated Fluorescent Emergency Ballast with Time Delay



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ELECTRICAL INFORMATION

Lamp	Initial Lumens	
	1-lamp	2-lamp
T5 14W	900	950
T5 21W	1050	1100
T5 28W	1150	1225
T5 35W	1200	--
T5HO 24W	1100	1200
T5HO 39W	1200	1300
T5HO 54W	1350	1400
T8 17W	1000	1100
T8 25W	1100	1200
T8 28W	1150	1250
T8 32W	1300	1350
T8 40W	1350	1400
T8HO 44W	1350	--
T8 51W	1400	--
T8 59W	1400	--

Lamp	Initial Lumens	
	1-lamp	2-lamp
T8HO 86W	1400	--
T12 20W	700	800
T12 25W	750	800
T12 30W	800	875
T12 34W	850	975
T12 40W	950	1050
T12 75W	1300	--
T12HO 95W	1400	--
T12HO 110W	1400	--
T12HO 160W	1400	--
T12HO 215W	1400	--
CFL G24Q1 13W	725	850
CFL G24Q2 18W	800	875
CFL G24Q3 21W	850	900
CFL G24Q3 26W	950	1000

Lamp	Initial Lumens	
	1-lamp	2-lamp
CFL G24Q3 32W	1025	1100
CFL G24Q4 42W	1160	1250
CFL G24Q5 57W	1300	--
CFL 2G11 18W	900	950
CFL 2G11 24W	1000	1075
CFL 2G11 36W	1050	1150
CFL 2G11 40W	1100	1175
CFL 2G11 50W	1200	1300
CFL 2G11 55W	1300	--
CFL GR10Q4 10W	525	600
CFL GR10Q4 16W	650	750
CFL GR10Q4 21W	800	875
CFL GR10Q4 28W	900	975
CFL GR10Q4 38W	1050	1150
CFL GR10Q4 55W	1300	--
Circular T9 20W	600	675
Circular T9 32W	750	800
Circular T9 40W	900	1050
Circular T5 22W	850	950
Circular T5 40W	1100	1200
Circular T5 55W	1300	--
U-bend T8 32W	825	900
U-bend T12 34W	875	950
U-bend T12 40W	800	925