

# INSTALLATION INSTRUCTIONS FOR 3 FT., 4 FT., 5 FT., INSIDE ACCESS, 265 MA T-8 SLIM SERIES

## FLUORESCENT LIGHT FIXTURES FOR PAINT BOOTH APPLICATIONS

1. Mark opening pattern on booth panel where fixture is to be located as shown per customer's applications.
2. Cut opening in booth panel using suitable tools.
3. Place light fixture into opening in booth panel, center, and mark locations of mounting holes. (Three ft. fixtures have 10 mounting holes. Four and five ft. fixtures have 12 mounting holes.)
4. Remove fixture from booth panel and punch the 5/16" dia. mounting holes in panel.
5. Install light fixture into panel from inside of booth as shown. For horizontal mounting, mount with hinge on top side

**NOTE:** Before installing fixture, make certain mounting gasket is installed on bottom surface of light mounting flange. Install mounting fasteners (not provided) and secure to booth panel. Customer is responsible for providing any panel reinforcements needed for mounting.

6. Installation of light fixture into booth panel is now complete.

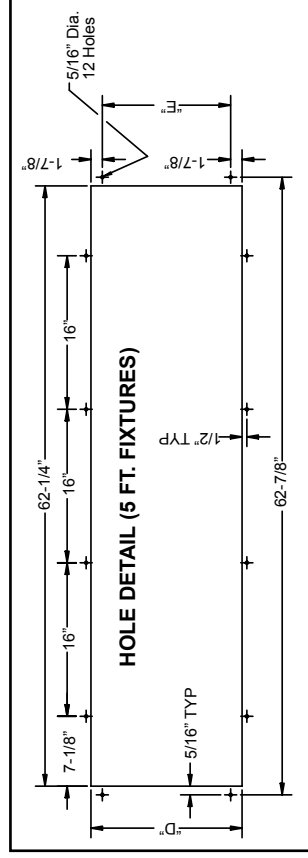
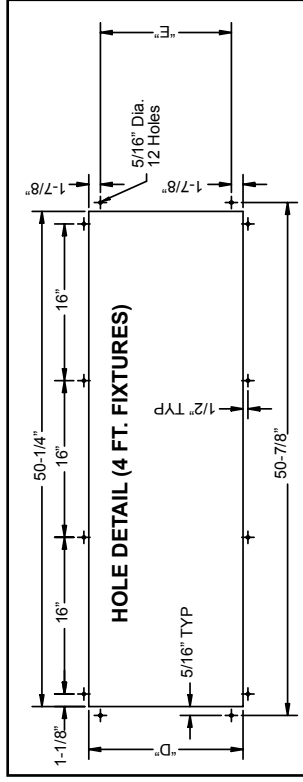
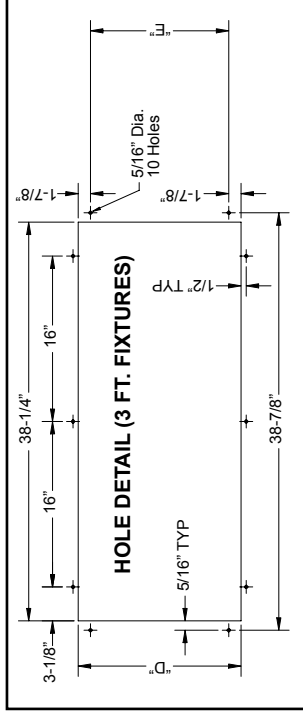
**NOTE:** When installing lamp -- fixtures are rated for T-8 lamps only

7. This fixture should be installed by qualified technicians in strict accordance with the National Electrical Code and any local requirements.

**NOTE:** To conform with UL 1598 / CSA C22.2 Canadian branch circuit disconnect requirements, install the supplied luminaire disconnect (or disconnect with similar rating) between the incoming line wires and ballast(s).

8. Wire fixture through conduit hub according to schematic on back of ballast. Fixtures are meant for through feed wiring. If not through feed wiring, install 1/2" plug on unused conduit hub.
9. Light fixtures are provided with an interlock switch which has normally open contacts which open when fixture is accessed from the inside of the paint spray booth. This switch is to be wired in such a way that it disables paint spray equipment when the front of the light is opened.

**IMPORTANT:** 10 Watt magnetic switches are not prewired. (Wiring performed by others). It may be desired by others to run separate power for this supply to segregate relay from light power. \*The magnetic microswitch is **NOT** designed to directly control light operation.



Type	DIMENSIONS	
	"D"	"E"
2 Lamp Fixture	10-3/4"	7"
4 Lamp Fixture	15-3/4"	12"
6 Lamp Fixture	20-3/4"	17"

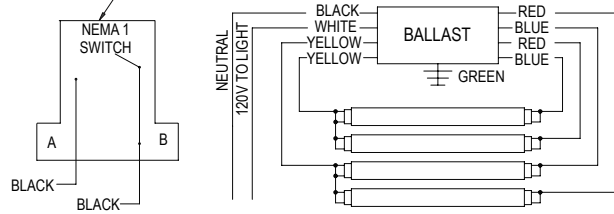
**NOTE:** REFER TO DIAGRAM ON BALLAST WITH SPECIFIC WIRING DETAILS.

**CAUTION:** OVERLOADING THE SWITCH CIRCUITS WILL CAUSE SWITCH FAILURE. LDPI RECOMMENDS HAVING A CERTIFIED ELECTRICIAN/ENGINEER REVIEW CIRCUIT LOADS TO INSURE THAT OVERLOADING OF SWITCH DOES NOT OCCUR.

# INSTALLATION INSTRUCTIONS FOR 3 FT., 4 FT., 5 FT., INSIDE ACCESS, 265 MA, T-8 SLIM SERIES LIGHT FIXTURE

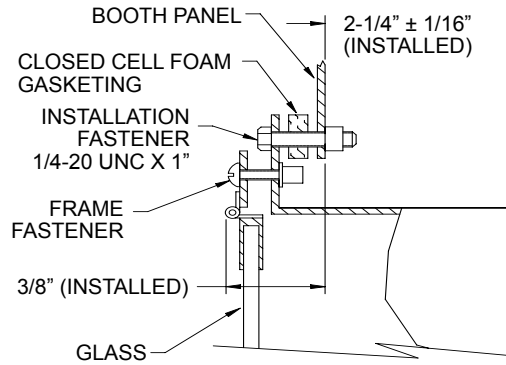
## MODEL NO. 390 WIRING SCHEMATIC (390440 SHOWN)

INTERLOCK SWITCH TO BE WIRED IN SUCH A WAY THAT IT DISABLES PAINT SPRAY EQUIPMENT WHEN LIGHT IS ACCESSED FROM INSIDE OF THE PAINT SPRAY BOOTH.



**IMPORTANT ON ALL INSIDE ACCESS MODELS:**  
NORMALLY OPEN MAGNETIC SWITCHES ARE INTENDED TO BE USED TO TRIGGER A RELAY WHICH DISABLES THE PAINT SYSTEM. BECAUSE OF THE SMALL CAPACITY OF THE SWITCH, A SOLID STATE RELAY IS RECOMMENDED. IT MAY BE DESIRED BY OTHERS TO UTILIZE A SEPARATE POWER SUPPLY TO SEGREGATE THE RELAY FROM LIGHTING POWER SUPPLY. THE MAGNETIC SWITCH IS RATED FOR 10 WATTS (RESISTIVE) AT A MAXIMUM OF 300 VAC. •THE MAGNETIC SWITCH IS **NOT** DESIGNED TO DIRECTLY CONTROL LIGHT OPERATION.

FEATURES: FRONT ACCESS FRAME WITH SWITCH ASSEMBLY  
- SPRING LOADED LAMP HOLDERS



**MOUNTING DETAIL**

FIXTURE TYPE	MODEL NO.	INPUT AMPS		DIMENSIONS			
		120V	277V	"A"	"B"	"C"	"D"
3 FT. 2 LAMP	390320	.48	.21	9-1/2"	13"	38"	39-7/8"
3 FT. 4 LAMP	390340	.91	.39	14-1/2"	18"	38"	39-7/8"
3 FT. 6 LAMP	390360	1.39	.60	19-1/2"	23"	38"	39-7/8"
4 FT. 2 LAMP	390420	.60	.27	9-1/2"	13"	50"	51-7/8"
4 FT. 4 LAMP	390440	1.12	.48	14-1/2"	18"	50"	51-7/8"
4 FT. 6 LAMP	390460	1.72	.75	19-1/2"	23"	50"	51-7/8"
5 FT. 2 LAMP	390520	.72	.31	9-1/2"	13"	62"	63-7/8"
5 FT. 4 LAMP	390540	1.44	.62	14-1/2"	18"	62"	63-7/8"
5 FT. 6 LAMP	390560	2.12	.92	19-1/2"	23"	62"	63-7/8"

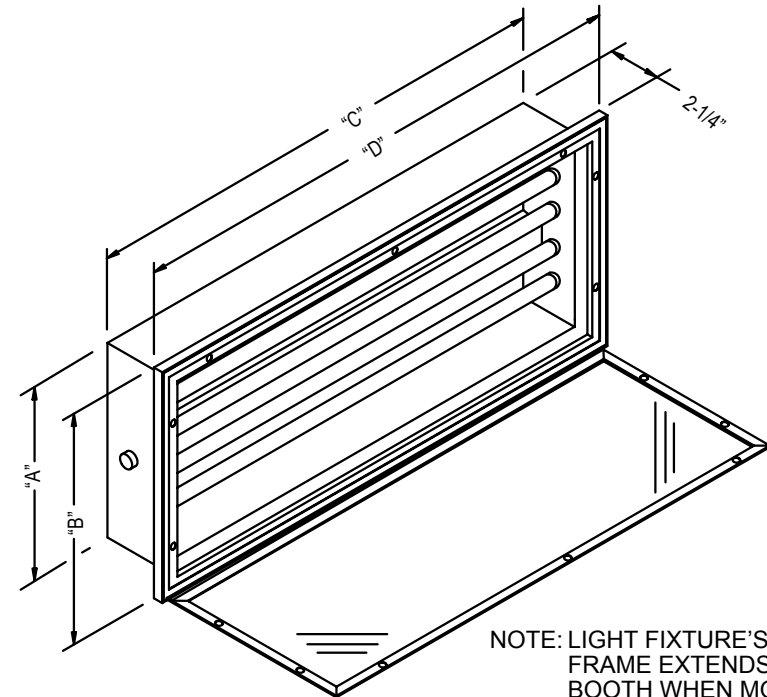
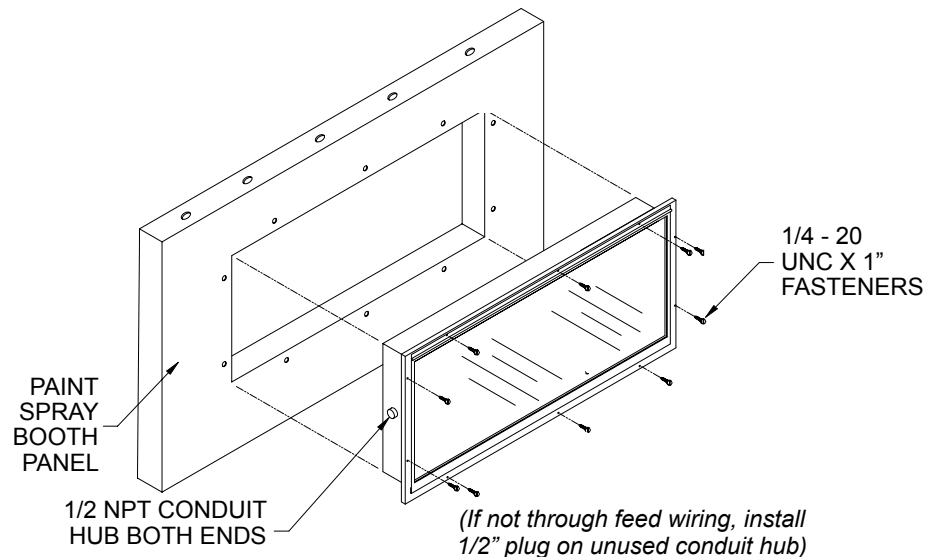
ALL FIXTURES ARE INSIDE ACCESS

### NOTE:

REFER TO DIAGRAM ON BALLAST WITH SPECIFIC WIRING DETAILS.

### CAUTION:

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NOTE: LIGHT FIXTURE'S GLASS FRAME EXTENDS 3/8" INTO BOOTH WHEN MOUNTED IN BOOTH PANEL.