

SLIM LIGHT SERIES

PAINT BOOTH LIGHTING

DATE: _____ PROJECT MGR: _____

JOB: _____

PN: _____



APPLICATIONS

Paint Spray Booths
Clean Rooms
(Class 100 - 100,000)
Locker Rooms
Computer Areas
Damp Locations
Fuel Storage
Control Rooms for
Drilling Rigs

The Slim Light Series features a 20 Ga. baked white enamel steel housing that is only 2 1/4" thick maximizing the available space allowed for your paint spray booth. The Slim Light Series is available in lengths of 3 & 4' with 2, 4 or 6 lamp options. The 3' fixtures are available in T8. The 4' fixtures are available in T5HO or T8. This series provides front door frame access with a paint spray cutoff switch when opened. ETL listed in the U.S. and Canada, the Slim Light Series has multiple listings for inside access. Must be mounted hinge side up when wall mounted. Lamps not included.

SPECIFICATIONS

LISTINGS: ETL listed for U.S. and Canada
Class I Division 2 Groups A,B,C,D
T3C (160 degree C) operating code
Class II Division 2 Groups F,G
T3C (160 degree C) operating code
(The Slim Light 420 & 440 in T8 are UL listed for Class I Division 2 Groups A, B, C, & D.)
Listed for locations having deposits of readily combustible paint residues.
UL 844 listed for Hazardous Locations
Meets UL 1598 standards for wet/damp locations




FEATURES: 20 Gauge steel construction with white baked enamel finish which creates a durable, highly reflective finish.
The housing is a front access for convenient access, and the 2 1/4" depth minimizes the space needed in the paint spray booth for the fixture.

LENS: 3/16" clear tempered glass.

ELECTRICAL: Paint spray cutoff switch in the front door frame.
Available in: 3 Ft. 25 watt T8.
4 Ft. 32 and 54 watt T8 or T5HO
Voltages of 120, 277, 347 & 480 volts.

OPTIONS: ALL OPTIONS ORDERED SEPARATELY
EM: Emergency battery backup ballast
120 or 277V MUST SPECIFY
5902: 8 Ft. 5-wire whip
Corner/hip mount #4714 - see page 95 (available for the 390440J-3546 fixture ONLY)
Lens and fixture preservation: lens film and blast booth lens cover - see page 125

NOTE: Normally open magnetic switches are intended to be used to trigger a relay (furnished by others) 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 (furnished by others) from the lighting power supply.
The magnetic switch IS NOT designed to directly control light operation!
The magnetic switch is rated for 10 watts resistive at a maximum of 300 VAC.

CAUTION:  Overloading the switch circuits WILL cause failure.
LDPI, Inc. recommends having a certified electrician/engineer review loads to ensure that overloading of switch does not occur.

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	Series	Watts	Lamp Qty	Hub	Order #	Price	Voltage
3 FOOT SLIM LIGHT	390320 (2 lamp)	25W T8	2	1/2" NPT	390320	3613*	120-277 Volts 50/60 Hz
			2	1/2" NPT	390320347	3276	347 Volts 60 Hz
	390340 (4 lamp)	25W T8	4	1/2" NPT	390340	3546*	120-277 Volts 50/60 Hz
			4	1/2" NPT	390340347	3125	347 Volts 60 Hz
	390360 (6 lamp)	25W T8	6	1/2" NPT	390360	3546	120-277 Volts 50/60 Hz
			6	1/2" NPT	390360347	3125	347 Volts 60 Hz
4 FOOT SLIM LIGHT	390420 (2 lamp)	32W T8	2	1/2" NPT	390420	3613*	120-277 Volts 50/60 Hz
			2	1/2" NPT	390420347	3276	347 Volts 60 Hz
	390420 (2 lamp)	32W T8HLO	2	1/2" NPT	390420	6975	120-277 Volts 50/60 Hz
			2	1/2" NPT	390420	5420	347-480 Volts 50/60 Hz
	390420 (2 lamp)	54W T5HO	2	1/2" NPT	390420	3265	120-277 Volts 50/60 Hz
			2	1/2" NPT	390420	5420	347-480 Volts 50/60 Hz
	390440 (4 lamp)	32W T8	4	1/2" NPT	390440	3546*	120-277 Volts 50/60 Hz
			4	1/2" NPT	390440347	3125	347 Volts 60 Hz
	390440 (4 lamp)	32W T8HLO	4	1/2" NPT	390440	6974	120-277 Volts 50/60 Hz
			4	1/2" NPT	390440	5421	347-480 Volts 50/60 Hz
	390440 (4 lamp)	54W T5HO	4	1/2" NPT	390440	4843*	120-277 Volts 50/60 Hz
			4	1/2" NPT	390440	5421	347-480 Volts 50/60 Hz
390460 (6 lamp)	32W T8	6	1/2" NPT	390460	3546*	120-277 Volts 50/60 Hz	
		6	1/2" NPT	390460347	3125	347 Volts 60 Hz	
	32W T8HLO	6	1/2" NPT	390460	7059	120-277 Volts 50/60 Hz	
		6	1/2" NPT	390460	5420	347-480 Volts 50/60 Hz	
390460 (6 lamp)	54W T5HO	6	1/2" NPT	390460	3265*	120-277 Volts 50/60 Hz	
		6	1/2" NPT	390460	5420	347-480 Volts 50/60 Hz	



CAN SHIP VIA UPS
2 & 4 Lamp ONLY
Additional packaging
required.

LAMPS SOLD
SEPARATELY

All options ordered
separately

*Normally stocked
fixture. Consult
factory for lead
times on non-stock
products.

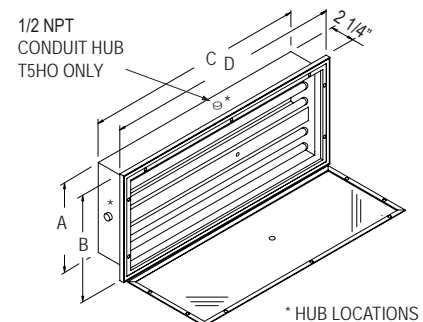
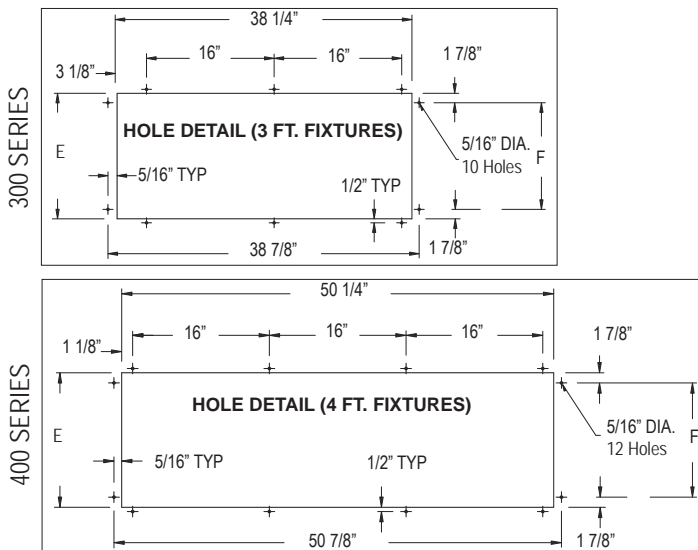
DIMENSIONS (Fixture dimensions are nominal. Cut-out dimensions are actual.)

Mounting - See Page 96

TYPE	E	F
2 LAMP	10 3/4"	7"
4 LAMP	15 3/4"	12"
6 LAMP	20 3/4"	17"

TYPE	MODEL	A	B	C	D
3 FT. 2 LAMP	390320	9 1/2"	13"	38"	39-7/8"
3 FT. 4 LAMP	390340	14 1/2"	18"	38"	39-7/8"
3 FT. 6 LAMP	390360	19 1/2"	23"	38"	39-7/8"
4 FT. 2 LAMP	390420	9 1/2"	13"	50"	51-7/8"
4 FT. 4 LAMP	390440	14 1/2"	18"	50"	51-7/8"
4 FT. 6 LAMP	390460	19 1/2"	23"	50"	51-7/8"

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

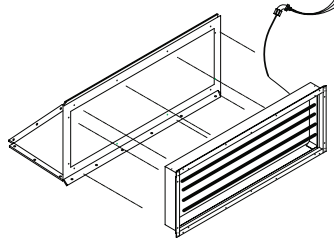


CORNER/HIP MOUNT

FOR 440 SLIM LIGHT FIXTURE



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Paint Booth Corner or Hip Mount for fluorescent lighting

Horizontal or Vertical Mounting Corner/Hip Light Kit

The following is an acceptable method of installing panel mounted fixtures into the corner of a paint spray booth.

FEATURES

Part Number: 4714

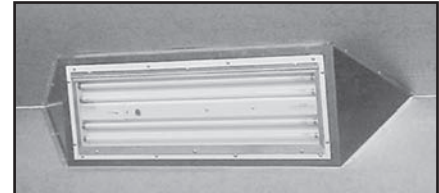
To reduce shadowing, corner or hip lighting is ideal.

Corner light mounting option is available for the 390440J-3546 Slim Light ONLY. (Page 19).

Shipping weight: 14#.

FIXTURE SOLD SEPARATELY

NOTE: All wiring must be performed by a certified electrician and in accordance with all national and local electrical codes and regulations.



DESCRIPTION

Corner or Hip mount for 390440J-3546 Slim Light fixture.

Can be installed vertically in a corner, or horizontally in the hip of the booth.

Includes all components required to install kit and route wiring conductors out of booth.

SPECIFICATIONS

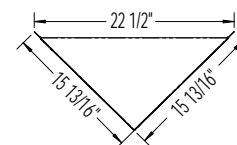
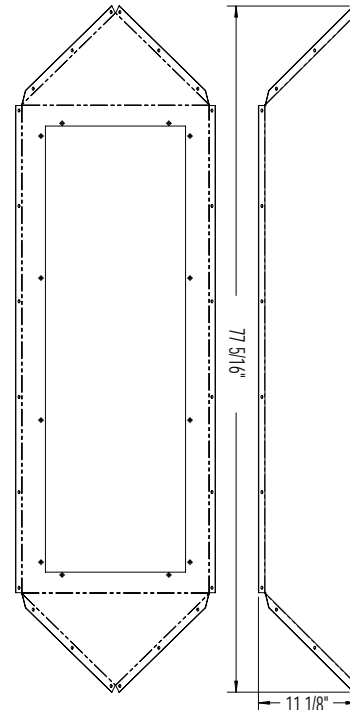
- HOUSING:** Rigid one-piece formed housing constructed of 20 gauge Pre-paint steel.
- REQUIREMENTS:** Fixture must be rated Class I, Div. 2 and with inside access listing for use in a paint spray booth.
- Panel construction must meet the requirements of NFPA 33 Chapter 3, "Construction and Design of Spray Areas, Spray Rooms, and Spray Booths."
- Fixture installation wiring to meet the requirements of NFPA 33 Chapter 4, "Electrical and Other Sources of Ignition."

Kit (delivered unassembled) Includes:

- Self tapping screws to mount panel to booth
- Bolts/Nuts to mount fixture to panel.
- Wire whip pre-wired to fixture.
- (4) feet of 1/2" Liquid-Tite Flexible conduit
- 90 Flex connector to exit booth
- Straight flex connector to secure flex to fixture
- (1) Tube of caulk to seal around panel and fixture perimeter

NOTE:

Mounting requires drilling 7/8" hole in booth wall or ceiling to route flex conduit out of booth.



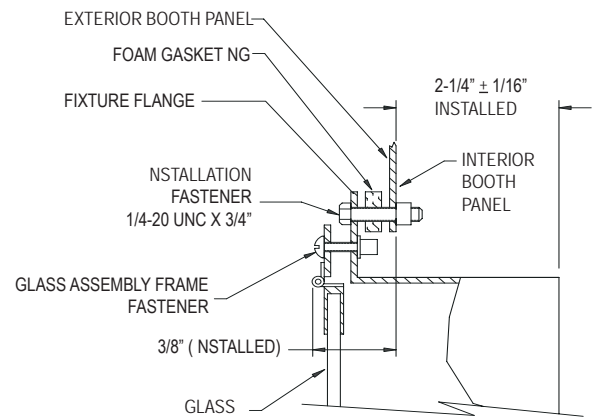
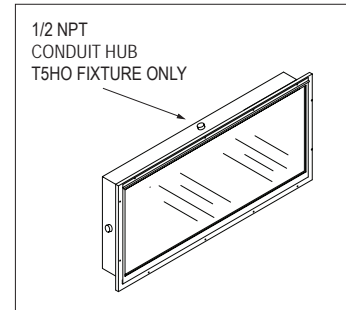
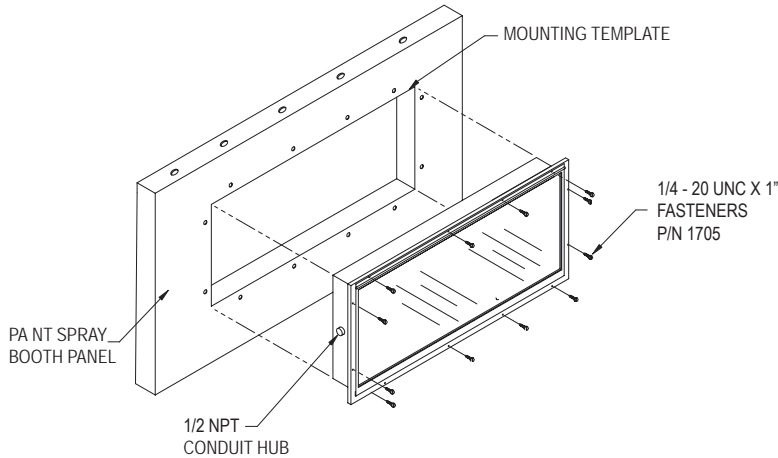
MOUNTING

FOR LDPI, INC. FIXTURES

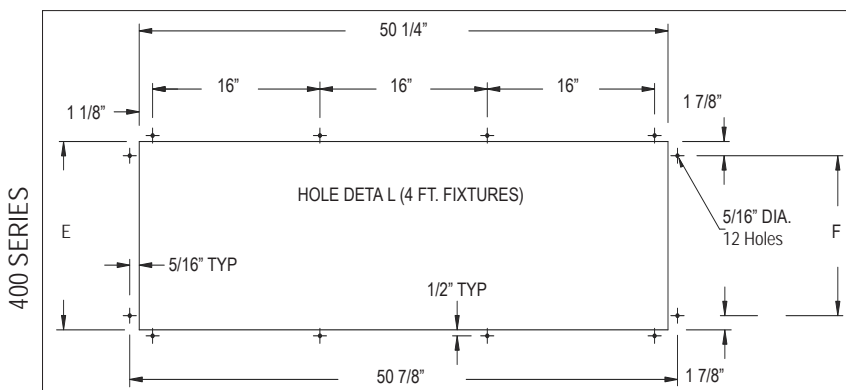
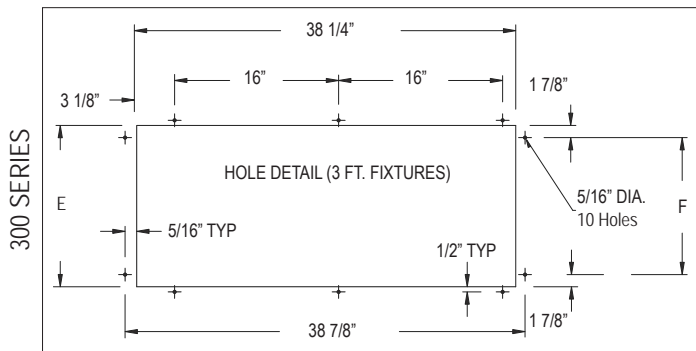


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Slim Light Series



Slim Light Series Mounting Hole Detail



HOLE DETAIL DIMENSIONS		
TYPE	E	F
2 LAMP FIXTURE	10 3/4"	7"
4 LAMP FIXTURE	15 3/4"	12"
6 LAMP FIXTURE	20 3/4"	17"