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, T8 or T8HLO. 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.

**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, T8HLO or T5HO
- Voltages of 120, 277, 347 & 480 volts.

**OPTIONS:**
- ALL OPTIONS ORDERED SEPARATELY
- EM: Emergency battery backup ballast
- 120 or 277V MUST SPECIFY (T5HO EM fixture is 3 1/2" deep)
- 5902: 8 Ft. 5-wire whip
- HSR: High performance specular reflector (only available on 390440 T8 and T8HLO)
- HWR: High performance white reflector (only available on 390440 T8 and T8HLO)
- Corner/hip mount #4714 - see page 94 (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.
<table>
<thead>
<tr>
<th>Series</th>
<th>Watts</th>
<th>Lamp Qty</th>
<th>Hub</th>
<th>Order #</th>
<th>Voltage</th>
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<tbody>
<tr>
<td>390320 (2 lamp)</td>
<td>25W T8</td>
<td>2</td>
<td>1/2&quot; NPT</td>
<td>390320</td>
<td>3613* 120-277 Volts 50/60 Hz</td>
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<td>25W T8</td>
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<td>25W T8</td>
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<td>32W T8</td>
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<td>32W T8</td>
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<td>32W T8</td>
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<td>390460</td>
<td>3546 120-277 Volts 50/60 Hz</td>
</tr>
</tbody>
</table>

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

**HOLE DETAIL (3 FT. FIXTURES):**
- E: 1 1/8"
- F: 5/16" TYPE 10 Holes
- 5/16" TYPE 12 Holes
- 1/2" TYPE

**HOLE DETAIL (4 FT. FIXTURES):**
- E: 1 1/8"
- F: 5/16" TYPE 12 Holes
- 1/2" TYPE

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

Car 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.

Mounting - See Page 95

**HUB LOCATIONS**

1/2" NPT CONDUIT HUB
T5HO ONLY

** (T5HO EM fixture is 3 1/2" deep)
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 21).
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.
Slim Light Series Mounting Hole Detail

**300 SERIES**

- HOLE DETAIL (3 FT. FIXTURES)
- 5/16" TYP
- 1/2" TYP
- 5/16" DIA. 10 Holes

<table>
<thead>
<tr>
<th>TYPE</th>
<th>E</th>
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<td>12&quot;</td>
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<tr>
<td>6 LAMP FIXTURE</td>
<td>20 3/4&quot;</td>
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</table>

**400 SERIES**

- HOLE DETAIL (4 FT. FIXTURES)
- 5/16" TYP
- 1/2" TYP

<table>
<thead>
<tr>
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<tr>
<td>6 LAMP FIXTURE</td>
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