

# LED T8 - RECESSED

## FHL310 SERIES

### Premium Grade Trim Flange Luminaire



- Premium Grade Trim Flange Luminaire For LED T8 Light Tube (by Others)
- One Piece Welded Trim Flange Painted After Fabrication
- 20 Gauge Steel or Extruded Aluminum Door Frame Screwed At Each Corner
- Door Frame Painted After Fabrication
- T-Hinge And Spring Loaded Latch
- ETL Listed / Conforms to UL Standard 1598 - SUB 8750
- Available with:

Heavy Duty Safety Switch  
Extensive Variety of Lenses



**LOS ANGELES LIGHTING MFG. CO.**

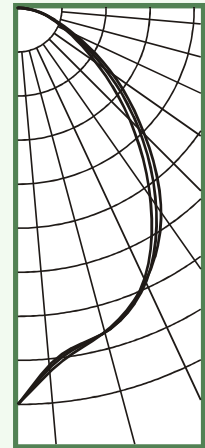
10141 OLNEY ST. / EL MONTE, CA 91731

<http://www.lalighting.com>

TEL: 626-454-8300 FAX: 626-454-8399

#### FHL310-3-4L-PA-LED8

TEST NO.=LA-T1872-1  
LAMP TYPE=LED T8, 4'  
NO. OF LAMP=3  
LUMENS PER LAMP=1300  
WATTS PER LAMP=15  
BALLAST FACTOR=1  
PHOTOMETRY TYPE=C



#### CANDLEPOWER

Angle	End	45	Cross
0	1352	1352	1352
5	1223	1233	1246
15	1146	1145	1144
25	1020	1032	1028
35	786	821	851
45	539	582	610
55	326	364	395
65	184	194	213
75	100	103	107
85	29	31	31
90	1	1	2
95	0	0	0
105	0	0	0
115	0	0	0
125	0	0	0
135	0	0	0
145	0	0	0
155	0	0	0
165	0	0	0
175	0	0	0
180	0	0	0

#### ZONAL LUMEN SUMMARY

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	919	23.6	36.2
0-40	1434	36.8	56.5
0-60	2207	56.6	87.0
0-90	2536	65.0	100.0
90-120	0	0.0	0.0
90-150	0	0.0	0.0
90-180	0	0.0	0.0
0-180	2537	65.0	100.0

Luminaire Efficiency = 65.0%

#### SPACING CRITERION

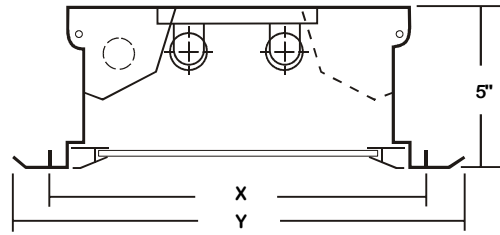
ALONG	ACROSS
1.03	1.05

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## FHL310 SERIES - LED T8

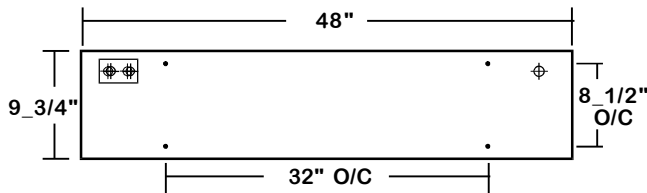
### CROSS SECTION



Ceiling Opening Overall Width By Length  
 X - 12 1/2" x 48 1/2"  
 Y - 14" x 50"

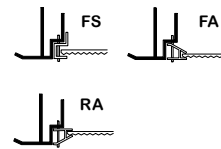
### BACK PLATE

ACCESS PLATE    7/8" K.O.    3/8" K.O.



### DOOR FRAME INFORMATION

#### CROSS SECTION



FS W

#### FINISHES

W - White Enamel  
 B - Black Enamel  
 N - Natural Anodized Aluminum

#### STYLES

FS - Flat Steel  
 FA - Flat Extruded Aluminum  
 RA - 5/8" Regressed Extruded Aluminum

### CATALOG NUMBER

	NOMINAL LENGTH	TOTAL LAMPS
FHL310-1-4LI	4'	1
FHL310-1-4LR	4'	1
FHL310-1-4LO	4'	1
FHL310-2-4LI	4'	2
FHL310-2-4LR	4'	2
FHL310-2-4LO	4'	2
FHL310-3-4LI	4'	3
FHL310-3-4LR	4'	3
FHL310-3-4LO	4'	3

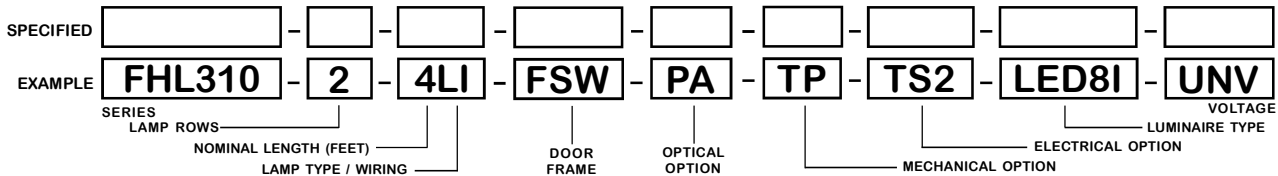
### SAFETY SWITCH



#### TS2 - LED Luminaire On/Off Safety Switch

- Easily accessible on exterior of wire way.
- Allows individual fixture to be switched ON/OFF during re-lamping or Maintenance.
- Prevents damage to lamp and electrical shock during lamping and re-lamping.
- Allows safe entry to wire way channel where power connector can be disconnected for maintenance to fixture.

### ORDERING GUIDE



### LAMP TYPE

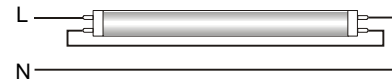
**LI = LED T8 internal driver light tube.**  
 Both ends powered.  
 Shunted sockets used.



**LR = LED T8 internal driver light tube.**  
 Single end powered.  
 Non-shunted sockets used.



**LO = LED T8 internal driver light tube.**  
 Both ends powered, one wire connects lampholders together from each side.  
 Non-shunted sockets used.



### OPTIONS AND ACCESSORIES

#### OPTICAL OPTIONS

Parabolic Plastic Louvers  
 Polycarbonate Lenses  
 High Impact Acrylic  
 Flat White Matte Diffusers  
 Clear Prismatic Acrylic  
 Dropped Opal Pans

#### SUFFIX

\*  
 \*  
 \*  
 FWA  
 PA  
 DP

#### MECHANICAL OPTIONS

Tamper Proof Screw  
 Gasketing

#### SUFFIX

TP  
 GSK

#### ELECTRICAL OPTIONS

LED Luminaire ON/OFF Safety Switch

#### SUFFIX

TS2

#### ACCESSORIES

Hanger Yokes  
 Swing Out Jack

#### CAT. NO.

HS-12 1/2  
 SOJ

\*See Appropriate Reference Page

### SPECIFICATIONS

- **TYPE**
- **CONSTRUCTION**
- **FINISH**
- **DOOR FRAME**
- **OPTICS**
- **WIRING**
- **LABELS**

A versatile recessed mounted flanged luminaire for LED T8 light tube (s)\*\* with internal driver.  
 22 ga. cold rolled steel housing. (20 ga. housing available as specified)  
 Baked white polyester finish, minimum reflectance 86%. (Powder coated finish available.)  
 20 gauge cold rolled steel or extruded aluminum in various finishes. T-hinge, positive spring loaded latch.  
 Clear prismatic acrylic standard. Extensive variety of lenses, diffusers and louvers available.  
 Operates T8 LED light tube(s)\*\*.  
 ETL Listed. Conforms to UL standard 1598 - SUB 8750.

\*\* Lamp(s) by others.

