

LED T8 - RECESSED

FHL330/340 SERIES

Premium Grade Trim Flange Luminaire



- 3x3 & 4x4, 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
- 2-Piece Lens Standard / 1-Piece Lens Available

- Available with:
Heavy Duty Safety Switch
Extensive Variety of Lenses



LOS ANGELES LIGHTING MFG. CO.

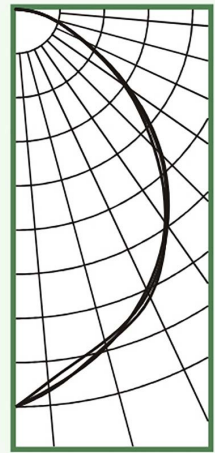
10141 OLNEY ST. / EL MONTE, CA 91731

<http://www.lalighting.com>

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

FHL340-6-4L-PA-LED8

TEST NO.=LA-T1876-1
LAMP TYPE=LED T8, 4'
NO. OF LAMP=6
LUMENS PER LAMP=1300
WATTS PER LAMP=15
BALLAST FACTOR=1
PHOTOMETRY TYPE=C



CANDLEPOWER

| Angle | End | 45 | Cross |
|-------|------|------|-------|
| 0 | 2768 | 2768 | 2768 |
| 5 | 2656 | 2669 | 2606 |
| 15 | 2435 | 2423 | 2394 |
| 25 | 2153 | 2213 | 2180 |
| 35 | 1812 | 1827 | 1839 |
| 45 | 1358 | 1418 | 1437 |
| 55 | 918 | 932 | 964 |
| 65 | 509 | 515 | 529 |
| 75 | 270 | 271 | 266 |
| 85 | 77 | 81 | 80 |
| 90 | 6 | 5 | 6 |
| 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 | 1953 | 25.0 | 33.1 |
| 0-40 | 3100 | 39.7 | 52.6 |
| 0-60 | 5031 | 64.5 | 85.3 |
| 0-90 | 5896 | 75.6 | 100.0 |
| 90-120 | 2 | 0.0 | 0.0 |
| 90-150 | 2 | 0.0 | 0.0 |
| 90-180 | 2 | 0.0 | 0.0 |
| 0-180 | 5897 | 75.6 | 100.0 |

Luminaire Efficiency = 75.6%

SPACING CRITERION

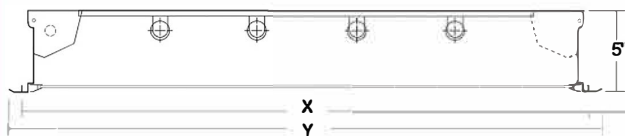
| ALONG | ACROSS |
|-------|--------|
| 1.07 | 1.09 |

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FHL330/340 SERIES - LED T8

CROSS SECTION

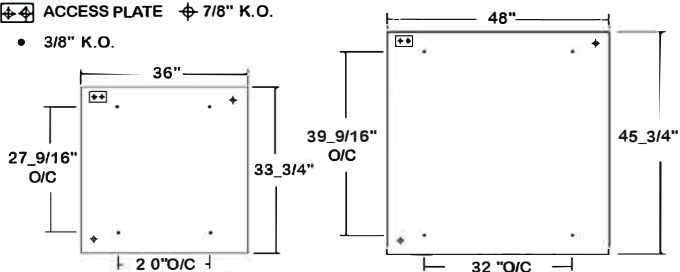


- 3 X 3-Ceiling Opening X - 36 1/2" x 36 1/2"
Overall Width By Length Y - 38" x 38"
- 4 X 4-Ceiling Opening X - 48 1/2" x 48 1/2"
Overall Width By Length Y - 50" x 50"

BACK PLATE

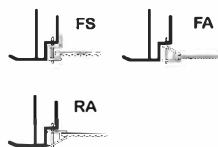
ACCESS PLATE 7/8" K.O.

- 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

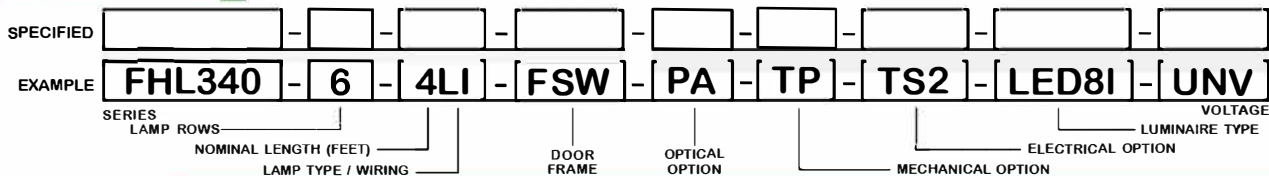
| | NOMINAL WIDTH X LENGTH | TOTAL LAMPS | NOMINAL WIDTH X LENGTH | TOTAL LAMPS |
|--------------|------------------------|-------------|------------------------|-------------|
| FHL330-4-3LI | 3' X 3' | 4 | FHL340-4-4LI | 4' X 4' |
| FHL330-4-3LR | 3' X 3' | 4 | FHL340-4-4LR | 4' X 4' |
| FHL330-4-3LR | 3' X 3' | 4 | FHL340-4-4LR | 4' X 4' |
| FHL330-6-3LI | 3' X 3' | 6 | FHL340-6-4LI | 4' X 4' |
| FHL330-6-3LR | 3' X 3' | 6 | FHL340-6-4LR | 4' X 4' |
| FHL330-6-3LR | 3' X 3' | 6 | FHL340-6-4LR | 4' X 4' |
| FHL330-6-3LR | 3' X 3' | 6 | FHL340-8-4LI | 4' X 4' |
| | | | FHL340-8-4LR | 4' X 4' |
| | | | FHL340-8-4LR | 4' X 4' |

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
- ACCESSORIES**
 - Hanger Yokes (3X3)
 - Hanger Yokes (4X4)
 - Swing Out Jack

- SUFFIX
- TS2
- CAT. NO.
- HS-36 1/2
 - HS-48 1/2
 - SOJ

*See Appropriate Reference Page

SPECIFICATIONS

** Lamp(s) by others.

- 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. Lenses on 3x3, 4x4 fixtures supplied two-piece unless otherwise specified.
Extensive variety of lenses, diffusers and louvers available.
Operates T8 LED light tube(s)**.
U.L. Listed. Suitable for damp locations.

