



# RECESSED

## FHL315 SERIES



### 5" Depth / Premium Grade Trim Flange



- 20"x2', 5" Depth / Premium Grade Trim Flange Luminaire
- 22 Gauge Cold Rolled Steel Housing
- 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
- One Way Polyurethane Gasketed
- T-Hinges and Spring Loaded Latches
- Suitable for Damp Location
- Available with:

Fluorescent, LED and LED T8 (Internally Driven)

Variety of Lens

Emergency Battery Pack



*Photometric Data and IES Files are Available on [www.lalighting.com](http://www.lalighting.com)*



**LOS ANGELES LIGHTING MFG. CO.**

10141 OLNEY ST. / EL MONTE, CA 91731

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

[www.lalighting.com](http://www.lalighting.com)

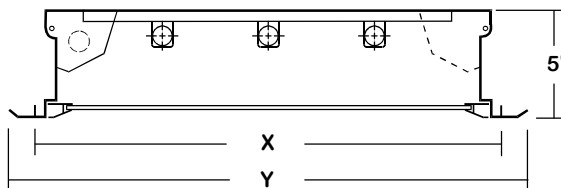
**RECESSED - Fluorescent**

LED Equivalent Products Available on [www.lalighting.com](http://www.lalighting.com)



**FHL315 SERIES**  
**2' Fixture, Nominal 20" Width**

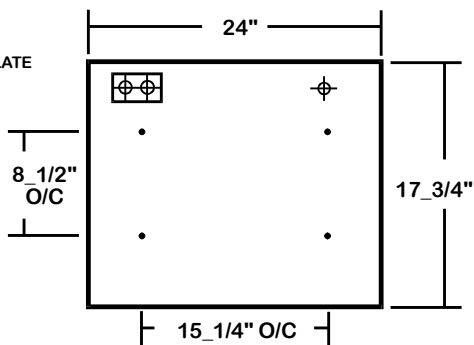
**CROSS SECTION**



Ceiling Opening X - 20\_1/2" x 24\_1/2"  
Overall Width By Length Y - 22" x 26"

**BACK PLATE**

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



**DOOR FRAME INFORMATION**

• **CROSS SECTION**



**FS W**

**FINISHES**

- W - White Enamel
- B - Black Enamel

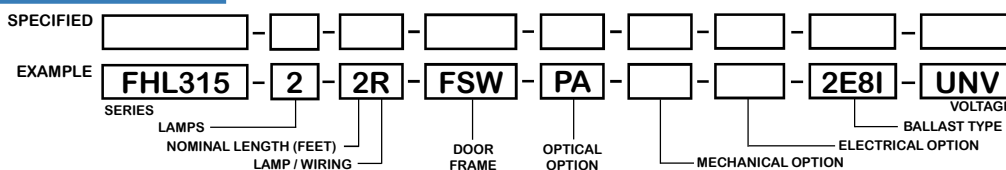
**STYLES**

- FS - Flat Steel

**CATALOG NUMBER**

	NOMINAL WIDTH X LENGTH	TOTAL LAMPS		NOMINAL WIDTH X LENGTH	TOTAL LAMPS
FHL315-2-2M	20" X 2'	2	FHL315-2-2R	20" X 2'	2
FHL315-3-2M	20" X 2'	3	FHL315-3-2R	20" X 2'	3
FHL315-4-2M	20" X 2'	4	FHL315-4-2R	20" X 2'	4

**ORDERING GUIDE**



**NOTE: LAMP/WIRING\***

- M= Miniature Bi-Pin T5
- R = Medium Bi-Pin T8

**OPTIONS AND ACCESSORIES**

• **OPTICAL OPTIONS**

- Clear Acrylic
- Clear Prismatic Acrylic
- Flat Frosted White Acrylic
- Polycarbonate Lenses
- High Impact Acrylic
- Note: Other lens available upon request

**SUFFIX**

- CA
- PA
- FFWA
- \*
- \*

• **ELECTRICAL OPTIONS**

- Emergency Battery Pack
- External Line Fusing (HLR/GLR)
- Radio Interference Filters Night Light

**SUFFIX**

- BP\*
- ELF
- RIF
- NL\*

• **BALLAST OPTIONS**

- Electronic T5
- Electronic T5HO
- Electronic Step Dimming T5HO
- Electronic T8
- Electronic Step Dimming T8

**SUFFIX**

- E5\*
- E5H
- ESDM5H
- E8\*
- ESDM8\*

• **ACCESSORIES**

- Hanger Yokes
- Swing Out Jack

**CAT. NO.**

- HS-20
- SOJ

\*See appropriate reference page

**SPECIFICATIONS**

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

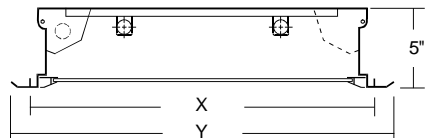
A versatile recessed mounted flanged luminaire, for mounting in nominal 20" width ceiling opening.  
 22 ga. cold rolled steel housing. (20 ga. housing available as specified)  
 Baked white polyester finish, minimum reflectance 86%. (Powder coated finish available.)  
 20 gauge cold rolled steel or extruded aluminum in various finishes. T-hinge, positive spring loaded latch.  
 One way polyurethane gasketed standard. More options available.  
 Clear prismatic acrylic standard. Extensive variety of lenses, diffusers and louvers available.  
 120v 60Hz., 277v 60Hz., UNV (universal voltage 120v thru 277v.) or as otherwise specified.  
 U.L. Listed. Suitable for damp locations. Compatible with UL Fire-Rated Ceiling Assemblies.



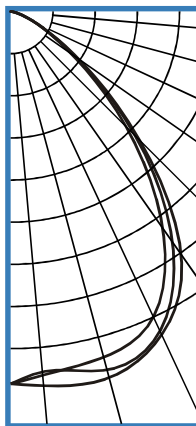
# PHOTOMETRIC DATA

## FHL315-2-2R-PA-E8

TEST NO.=LA-T0569-1  
 LAMP TYPE=FO17T8  
 NO. OF LAMP=2  
 LUMENS PER LAMP=1350  
 WATTS PER LAMP=17  
 BALLAST FACTOR=1  
 PHOTOMETRY TYPE=C



Ceiling Opening X - 20\_1/2" X 24\_1/2"  
 Overall Width By Length Y - 22" X 26"



### CANDLEPOWER

ANGLE	END	45	CROSS
0	879	879	879
5	862	854	887
15	845	876	895
25	796	833	842
35	624	664	700
45	384	415	430
55	175	186	195
65	68	67	70
75	17	19	21
85	3	3	3
90	0	0	0
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	712	26.4	41.8
0-40	1129	41.8	66.3
0-60	1614	59.8	94.7
0-90	1704	63.1	100.0
90-120	0	0.0	0
90-150	0	0.0	0
90-180	0	0.0	0
0-180	1704	63.1	100.0

Lumen Output = 1704 lumens  
 Luminaire Efficiency = 63.1%

### SPACING CRITERION

ALONG	ACROSS
1.19	1.27

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