



RECESSED

FHL320 SERIES



5" Depth / Premium Grade Trim Flange



- 2'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



LOS ANGELES LIGHTING MFG. CO.

10141 OLNEY ST. / EL MONTE, CA 91731

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

www.lalighting.com

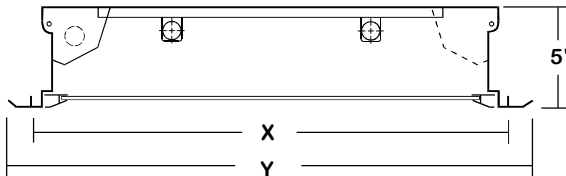
RECESSED - Fluorescent

LED Equivalent Products Available on www.lalighting.com



**FHL320 SERIES
2x2**

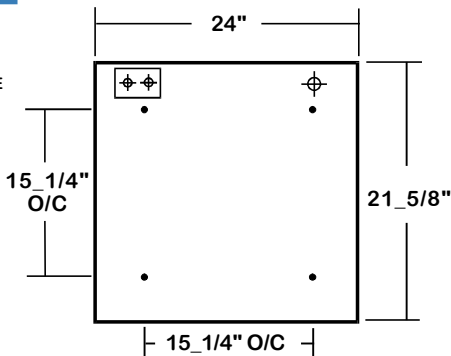
CROSS SECTION



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

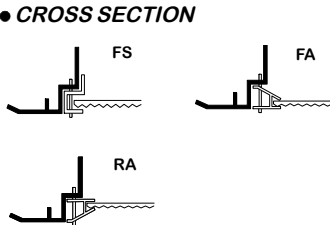
BACK PLATE

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



DOOR FRAME INFORMATION

• **CROSS SECTION**



FS W

FINISHES

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

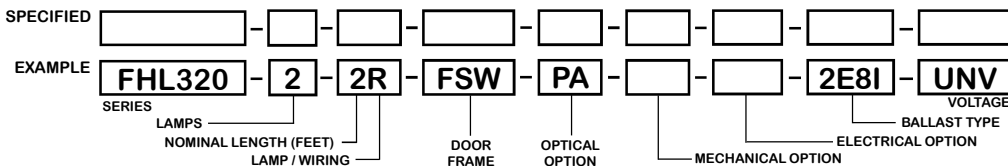
STYLES

- 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		NOMINAL WIDTH X LENGTH	TOTAL LAMPS
FHL320-2-2M	2' X 2'	2	FHL320-2-2RU1	2' X 2'	2	FHL320-2-2R	2' X 2'	2
FHL320-3-2M	2' X 2'	3	FHL320-2-2RU6	2' X 2'	2	FHL320-3-2R	2' X 2'	3
FHL320-4-2M	2' X 2'	4	FHL320-3-2RU1	2' X 2'	3	FHL320-4-2R	2' X 2'	4

ORDERING GUIDE



NOTE: LAMP/WIRING*
 M = Miniature Bi-Pin T5
 R = Medium Bi-Pin T8
 RU1 = Medium Bi-Pin T8 U Shaped 1_5/8" Spacing
 RU6 = Medium Bi-Pin T8 U Shaped 6" Spacing

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
- *
- *

• **MECHANICAL OPTIONS**

- Gasketing

SUFFIX

- GSK*

• **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-24 1/2
- SOJ

*See appropriate reference page

SPECIFICATIONS

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

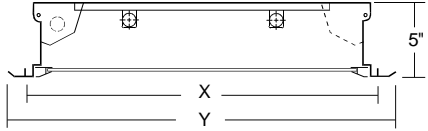
A versatile recessed mounted flanged luminaire.
 22 ga. cold rolled steel housing. (20 ga. housing available as specified)
 Baked white polyester finish, minimum reflectance 86%. (Powder coated finish available.)
 20 gauge cold rolled steel or extruded aluminum in various finishes. T-hinge, positive 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.



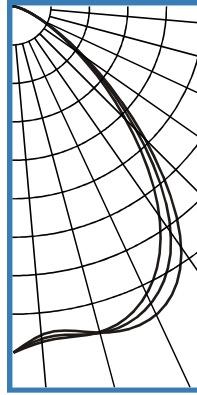
PHOTOMETRIC DATA

FHL320-2-2R-FSW-PA-E8

TEST NO.=LA-T0512-1
 LAMP TYPE=FO17T8
 NO. OF LAMP=2
 LUMENS PER LAMP=1350
 WATTS PER LAMP=17
 BALLAST FACTOR=1
 PHOTOMETRY TYPE=C



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



CANDLEPOWER

ANGLE	END	45	CROSS
0	838	838	838
5	814	807	797
15	815	818	817
25	765	790	821
35	615	663	707
45	380	417	446
55	180	190	204
65	71	69	72
75	19	20	19
85	2	2	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	675	25.0	40.3
0-40	1091	40.4	65.1
0-60	1584	58.7	94.5
0-90	1676	62.1	100.0
90-120	0	0.0	0
90-150	0	0.0	0
90-180	0	0.0	0
0-180	1676	62.1	100.0

Lumen Output = 1676 lumens
 Luminaire Efficiency = 62.1%

SPACING CRITERION

ALONG	ACROSS
1.21	1.32

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