



# RECESSED LED

## FFF 106 (8FT) SERIES (2' AND 4' AVAILABLE)

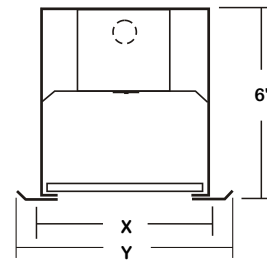
FRAMELESS FLAT TRIM FLANGED LUMINAIRE

DATE	
JOB	

WWW.LALIGHTING.COM  
626-454-8300

### RECESSED MOUNTED LED LUMINAIRE

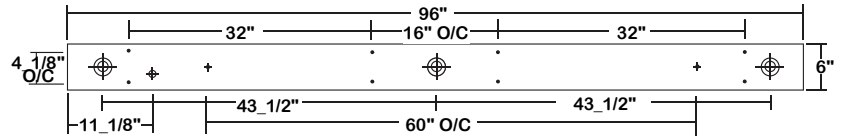
### DIMENSIONS



Ceiling Opening  
X - 6\_1/2" x 96\_1/2"

Overall Width By Length  
Y - 8" x 98\_1/2"

- 3/8" K.O. • 11/16" STEM MTG. K.O. • 7/8" OFFSET K.O. • 2" K.O.



### APPLICATIONS

- Commercial, Office

### FEATURES

- 0-10V dimming driver standard
- Supports California Title 24 compliance

### OPTIONS

- Continuous row mounting available upon request
- Full customization available upon request
- Additional lumen packages and color temperatures available
- Wireless control options available
- Variety of lenses available
- Emergency battery pack available
- Hanger yokes available

### SPECIFICATIONS

#### CONSTRUCTION

- 22 ga. cold rolled steel welded housing (20 ga. housing available as specified)
- Frameless lens
- Trim flange welded to housing

#### FINISH

- Baked white powder coated finish / painted after fabrication / minimum reflectance 90%

#### OPTICAL

- Flat Frosted White Acrylic Lens

#### ELECTRICAL

- High efficiency drivers coupled with long-life LEDs
- Service life greater than 50,000 hours (L70)
- Universal voltage 120V through 277V (347V / 480V available)
- Power Factor (PF)  $\geq 0.9$
- Total Harmonic Distortion (THD)  $\leq 20\%$

#### LISTING

- UL USA and Canada listed / suitable for damp locations

#### WARRANTY

- 5-Year limited warranty standard. 10-Year limited warranty also available



Los Angeles Lighting Mfg. Co.

Contact Us  
T: 626-454-8300 10141 Olney Street  
F: 626-454-8399 El Monte, CA 91731  
www.lalighting.com Made in the USA



Due to continued product improvements and enhancements, Los Angeles Lighting Manufacturing Company reserves the right to alter specifications, dimensions, data, and/or materials without notice. Please visit our website to view the most current information.

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Revised: 03/19/24



MADE IN THE USA  
BAA Compliant

ORDERING INFORMATION

EXAMPLE: FFF106-4-8L-FFWA-BPL1.5-DRDM-UNV-1/840

SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	OPTICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
<b>FFF106</b>			<b>8L</b>			<b>DRDM</b>	<b>UNV</b>	<b>1</b>	
<b>FFF106</b> Frameless Flat Trim Flanged LED Luminaire	4 Nom. 4000 Lumens 8 Nom. 8000 Lumens 12 Nom. 12000 Lumens 16 Nom. 16000 Lumens  *Additional Lumen Packages Available	(Blank) Standard (Only 4000 / 8000 / 16000 lumens Systems)  <b>HE</b> High Efficacy (Only 4000 / 8000 / 12000 lumens Systems)	<b>8L</b> 8'	<b>PA</b> Clear Prismatic Acrylic  <b>FFWA</b> Flat Frosted White Acrylic  <b>FPA2</b> Frosted Clear Prismatic Acrylic, Nom. 0.125	<b>BPL1.5</b> 1500lm Emergency Battery Pack  <i>OPTIONS for Options</i> <b>WLC(LED RU)</b> EnOcean Wireless Control  <i>Additional Electrical Options</i>  *Leave Blank if Not Specified	<b>DRDM</b> 0-10V Dimming Driver	<b>UNV</b> 120V-277V	<b>1</b> One LED Row	<b>830</b> 80+CRI / 3000K Color Temp. <b>835</b> 80+CRI / 3500K Color Temp. <b>840</b> 80+CRI / 4000K Color Temp. <b>850</b> 80+CRI / 5000K Color Temp.  *Additional Color Temp. Available
Standard options for FFF106 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit <a href="http://www.lalighting.com/resources">www.lalighting.com/resources</a> or contact customer service.									

SYSTEM DATA

THESE ARE THE MOST POPULAR LUMEN PACKAGES. PLEASE CONSULT FACTORY FOR ADDITIONAL SYSTEM DATA.

LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	FFF106-4-8L-PA-DRDM-UNV-1/840	3200 lm	31.4 W	101.7 lm/W	-20°C / 35°C	2-F32T8	*
8000 Lumens (Nominal)	FFF106-8-8L-PA-DRDM-UNV-1/840	6112 lm	66.3 W	92.2 lm/W	-20°C / 35°C	4-F32T8, 2-F54T5HO	<a href="#">LA-T3280-1</a>
16000 Lumens (Nominal)	FFF106-16-8L-PA-DRDM-UNV-1/840	11408 lm	101.7 W	112.2 lm/W	-20°C / 35°C	8-F32T8, 4-F54T5HO	*

LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
4000 Lumens (Nominal)	FFF106-4HE-8L-PA-DRDM-UNV-1/840	3082 lm	24.1 W	128.0 lm/W	-20°C / 35°C	2-F32T8	*
8000 Lumens (Nominal)	FFF106-8HE-8L-PA-DRDM-UNV-1/840	6068 lm	49.6 W	122.3 lm/W	-20°C / 35°C	4-F32T8, 2-F54T5HO	*
12000 Lumens (Nominal)	FFF106-12HE-8L-PA-DRDM-UNV-1/840	8844 lm	75.8 W	116.7 lm/W	-20°C / 35°C	6-F32T8	*

NOTE:

System data is based on 120V input voltage. Actual performance may differ as a result of end-user environment and application.

This fixture has been tested and listed in accordance with UL Standards. L.A. Lighting certifies that it will operate safely when installed properly, and within an ambient temperature range noted in the system data table.

Additional lumen packages and color temperatures available.



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**OPTICAL OPTIONS**

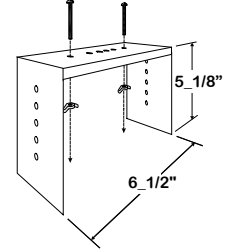
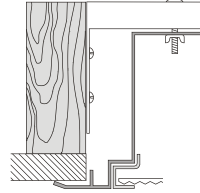
**STANDARD LENSES FOR FFF106**

<b>PA</b>	Clear Prismatic Acrylic, No Thickness Specified, Female Prisms 3/16 Square Base
<b>FFWA</b>	Flat Frosted White Acrylic
<b>FPA2</b>	Frosted Prismatic Acrylic, Nom. 0.125 OA Thickness, Female Prisms 3/16 Square Base

**ACCESSORIES**

**HS-6\_1/2**

- Hanger Yokes
- Compatible with all types of recessed flanged fixtures
- 1/4 - 20 x 3" machine screws locate into knockout on back of fixture housing
- Two (2) per fixture



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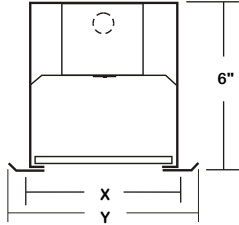
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**PHOTOMETRIC DATA - FFF106 SERIES 8'**

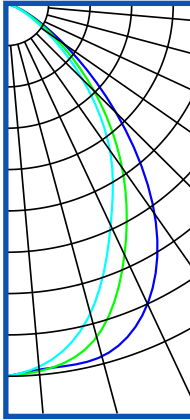
**FFF106-8-8L-PA-DRDM-UNV-1/840**

TEST NO. = LA-T3280-1  
 LED TYPE = 48 LED MODULE  
 NO. OF MODULE = 4  
 SYSTEM WATT (W) = 66.3  
 CRI = >80  
 L70(Hrs.) = 50,000  
 PHOTOMETRY TYPE = C



Ceiling Opening  
 X - 6\_1/2" x 96\_1/2"

Overall Width By Length  
 Y - 8" x 98\_1/2"



**CANDLEPOWER**

ANGLE	END	45	CROSS
0	3973	3973	3973
5	3917	3934	3886
15	3894	3680	3419
25	3532	2952	2604
35	2732	2131	1907
45	1639	1306	1135
55	738	653	515
65	266	231	194
75	74.9	62.6	55.0
85	10.32	7.74	6.51
90	0.55	0.31	0.18
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	2807	32.77	45.93
0-40	4205	49.08	68.81
0-60	5808	67.79	95.04
0-90	6112	71.33	100.00
90-120	0.09	0.00	0.00
90-150	0.09	0.00	0.00
90-180	0.09	0.00	0.00
0-180	6111	71.33	100.0

Luminaire Output = 6111 lumens  
 Luminaire Efficacy = 92.18 lm/W

**SPACING CRITERION**

ALONG	ACROSS
1.17	0.91

