RECESSED LED

FFF106 (2FT) SERIES (4' AND 8' AVAILABLE)

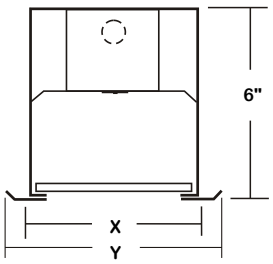
FRAMELESS FLAT TRIM FLANGED LUMINAIRE

DATE	
JOB	

WWW.LALIGHTING.COM
626-454-8300

RECESSED MOUNTED LED LUMINAIRE

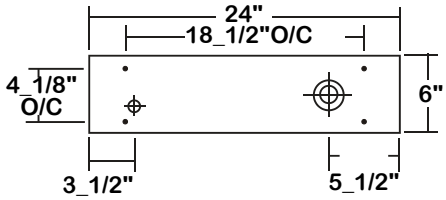
DIMENSIONS



Ceiling Opening
X - 6_1/2" x 24_1/2"

Overall Width By Length
Y - 8" x 26_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) ≥ 0.9
• Total Harmonic Distortion (THD) ≤ 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
F: 626-454-8399
www.lalighting.com
10141 Olney Street
El Monte, CA 91731
Made in the USA

ROHS COMPLIANT
CERTIFIED

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.
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Revised: 03/19/24

MADE IN THE USA
BAA Compliant

ORDERING INFORMATION

EXAMPLE: FFF106-4-2L-FFWA-BPL1.5-DRDM-UNV-1/840

SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	OPTICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
FFF106			**2L**			**DRDM**	**UNV**	**1**	
FFF106 Frameless Flat Trim Flanged LED Luminaire	**1** Nom. 1000 Lumens **2** Nom. 2000 Lumens **3** Nom. 3000 Lumens **4** Nom. 4000 Lumens *Additional Lumen Packages Available	**(Blank)** Standard **HE** High Efficacy (Only 1000 / 2000 / 3000 lumens Systems)	**2L** 2'	**PA** Clear Prismatic Acrylic **FFWA** Flat Frosted White Acrylic **FPA2** Frosted Clear Prismatic Acrylic Nom. 0.125	**BPL1.5** 1500lm Emergency Battery Pack **WLC(LEDRU)** EnOcean Wireless Control *Leave Blank if Not Specified *Additional Electrical Options*	**DRDM** 0-10V Dimming Driver	**UNV** 120V-277V	**1** One LED Row	**830** 80+CRI / 3000K Color Temp. **835** 80+CRI / 3500K Color Temp. **840** 80+CRI / 4000K Color Temp. **850** 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 www.lalighting.com/resources 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
1000 Lumens (Nominal)	FFF106-1-2L-PA-DRDM-UNV-1/840	778 lm	8.0 W	97.9 lm/W	-20°C / 35°C	1-F17T8	*
2000 Lumens (Nominal)	FFF106-2-2L-PA-DRDM-UNV-1/840	1487 lm	16.9 W	88.2 lm/W	-20°C / 35°C	2-F17T8, 1-F24T5HO	LA-T3268-1
3000 Lumens (Nominal)	FFF106-3-2L-PA-DRDM-UNV-1/840	2126 lm	26.5 W	80.3 lm/W	-20°C / 35°C	3-F17T8	*
4000 Lumens (Nominal)	FFF106-4-2L-PA-DRDM-UNV-1/840	2775 lm	26.4 W	105.3 lm/W	-20°C / 35°C	4-F17T8, 2-F24T5HO	*

LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
1000 Lumens (Nominal)	FFF106-1HE-2L-PA-DRDM-UNV-1/840	750 lm	6.2 W	120.1 lm/W	-20°C / 35°C	1-F17T8	*
2000 Lumens (Nominal)	FFF106-2HE-2L-PA-DRDM-UNV-1/840	1476 lm	12.9 W	114.8 lm/W	-20°C / 35°C	2-F17T8, 1-F24T5HO	*
3000 Lumens (Nominal)	FFF106-3HE-2L-PA-DRDM-UNV-1/840	2151 lm	19.6 W	109.5 lm/W	-20°C / 35°C	3-F17T8	*

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

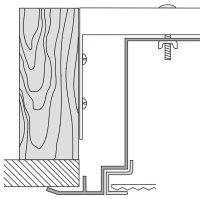
STANDARD LENSES FOR FFF106

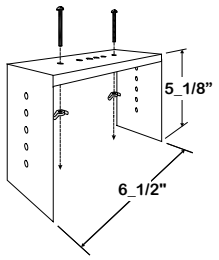
PA	Clear Prismatic Acrylic, No Thickness Specified, Female Prisms 3/16 Square Base
FFWA	Flat Frosted White Acrylic
FPA2	Frosted Prismatic Acrylic, Nom. 0.125 OA Thickness, Female Prisms 3/16 Square Base

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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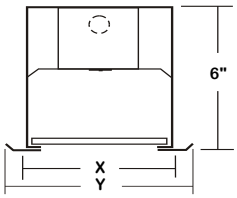
PHOTOMETRIC DATA - FFF106 SERIES - 2'

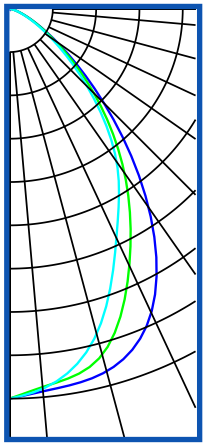
FFF106-2-2L-PA-DRDM-UNV-1/840

TEST NO. = LA-T3268-1
LED TYPE = 32 LED MODULE
NO. OF MODULE = 1
SYSTEM WATT (W) = 16.9 W
CRI ≥ 80
L70(Hrs.) ≥ 50,000
PHOTOMETRY TYPE = C

Ceiling Opening
X - 6_1/2" x 24_1/2"

Overall Width By Length
Y - 8" x 26_1/2"





CANDLEPOWER

ANGLE	END	45	CROSS
0	1017	1017	1017
5	1002	991	995
15	979	935	878
25	875	740	660
35	633	523	487
45	349	311	287
55	150	143	131
65	54	51	48.7
75	15.1	14.6	13.7
85	2.1	1.7	1.6
90	0.06	0.05	0.06
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	708	33.1	47.6
0-40	1048	48.9	70.5
0-60	1419	66.2	95.4
0-90	1487	69.4	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	1487	69.4	100.0

Luminaire Output = 1486.9 lumens
Luminaire Efficacy = 87.98 lm/W

SPACING CRITERION

ALONG	ACROSS
1.12	0.9

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