



RECESSED LED

GFF 106 (2FT)

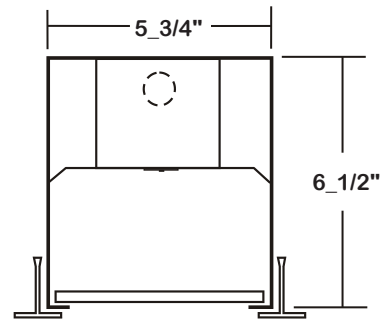
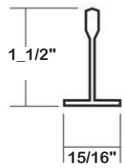
SERIES (4' AND 8' AVAILABLE)
FRAMELESS FLAT GRID LUMINAIRE

DATE	
JOB	

WWW.LALIGHTING.COM
626-454-8300

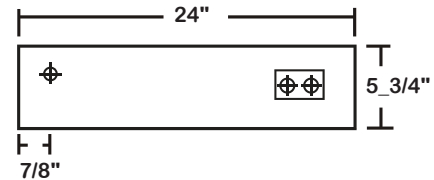
RECESSED MOUNTED LED LUMINAIRE FOR INVERTED T-BAR CEILINGS

DIMENSIONS



ACCESS PLATE

7/8" K.O.



APPLICATIONS

- Commercial, Office

FEATURES

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

OPTIONS

- Full customization available upon request
- Additional lumen packages and color temperatures available
- Wireless control options available
- Variety of lenses available
- Emergency battery pack available
- Tunable white available (2700K-6500K)

SPECIFICATIONS

CONSTRUCTION

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

FINISH

- Baked white polyester finish (powder coated finish available) / minimum reflectance 86%

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 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: 03/26/24



ORDERING INFORMATION

EXAMPLE: GFF106-4-2L-FFWA-BPL1.5-DRDM-UNV-1/840

SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	OPTICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
GFF106			2L			DRDM	UNV	1	
GFF106 Frameless Flat Grid 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 FPA2 Frosted Clear Prismatic Acrylic Nom. 0.125 FFWA Flat Frosted White Acrylic	BPL1.5 Emergency Battery Pack, Nom. 1500 lm WLC(LED RU) EnOcean Wireless Control *Leave Blank if Not Specified <u>Additional Electrical Options</u>	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

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)	GFF106-1-2L-PA-DRDM-UNV-1/840	718 lm	8.0 W	90.2 lm/W	-20°C / 35°C	1-F17T8	*
2000 Lumens (Nominal)	GFF106-2-2L-PA-DRDM-UNV-1/840	1371 lm	16.9 W	81.3 lm/W	-20°C / 35°C	2-F17T8, 1-F24T5HO	LA-T3313
3000 Lumens (Nominal)	GFF106-3-2L-PA-DRDM-UNV-1/840	1960 lm	26.5 W	74.0 lm/W	-20°C / 35°C	3-F17T8	*
4000 Lumens (Nominal)	GFF106-4-2L-PA-DRDM-UNV-1/840	2559 lm	25.7 W	99.5 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)	GFF106-1HE-2L-PA-DRDM-UNV-1/840	691 lm	6.1 W	113.5 lm/W	-20°C / 35°C	1-F17T8	*
2000 Lumens (Nominal)	GFF106-2HE-2L-PA-DRDM-UNV-1/840	1361 lm	12.6 W	108.4 lm/W	-20°C / 35°C	2-F17T8, 1-F24T5HO	*
3000 Lumens (Nominal)	GFF106-3HE-2L-PA-DRDM-UNV-1/840	1984 lm	19.2 W	103.5 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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MADE IN THE USA
BAA Compliant

SENSOR OPTIONS



CONTROLS AND SENSORS

WLC(LED RU) - EnOcean® LED Relay Zone Controller

- Supports a single LED fixture or multiple daisy chained LED fixtures
- Module installed inside lighting fixture

ESRPU-W-EO - EnOcean® Rocker Switch – Single – Surface Mount

- Wireless single rocker switch with mounting plate
- No batteries needed

EDRPU-W-EO - EnOcean® Rocker Switch – Double – Surface Mount

- Wireless double rocker switch with mounting plate
- No batteries needed

S3054-N300 - EnOcean® Navigan NWC 300U – Commissioning Tool

- Navigan Wireless Commissioner is used to configure EnOcean controllers & sensors
- It can be used to define link tables, change parameters/settings, and to edit & store projects
- Configuration settings can be saved and cloned to enable quick configuration
- Connectivity is through the NWC 300U USB Stick

EOSWU-W-EO - EnOcean® Occupancy Sensor – Wall Mount

- Wireless wall mounted occupancy sensor
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- PIR motion sensor with both wide angle (50') and long range (100') options
- Mounting height: 6-8 feet

EOSCU-W-EO - EnOcean® Occupancy Sensor – Ceiling Mount

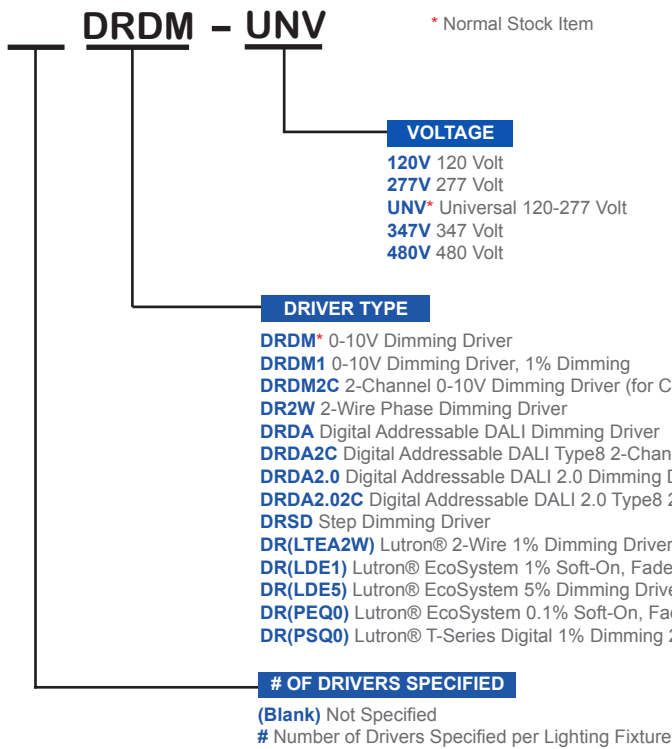
- Wireless ceiling mounted occupancy sensor
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- PIR motion sensor with 360 degree viewing angle lens (34' diameter)
- Mounting height: 7-10 feet

ELLSU-W-EO - EnOcean® Light Level Sensor – Ceiling Mount

- Light Level sensor that measures and reports the level of available natural light
- Solar powered - no batteries needed (coin battery operated in low light conditions)
- Enables implementation of daylight harvesting control systems
- Mounting position: At the ceiling, close to ambient light source

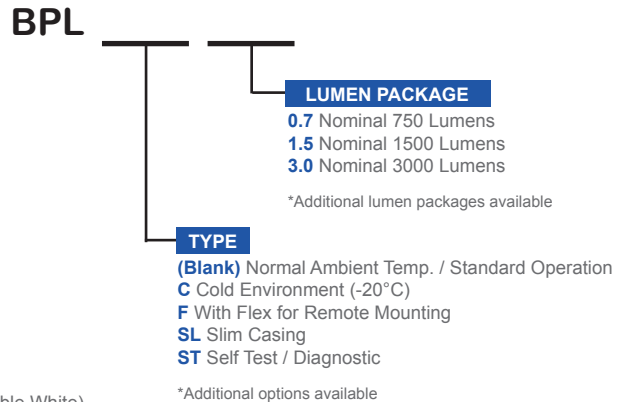
DRIVER OPTIONS

PLEASE CONSULT FACTORY TO SEE IF YOUR SELECTED DRIVER OPTION WORKS WITH THIS FIXTURE.



BATTERY PACK OPTIONS

PLEASE CONSULT FACTORY TO SEE IF YOUR SELECTED BATTERY PACK OPTION WORKS WITH THIS FIXTURE.



OPTICAL OPTIONS

STANDARD LENSES FOR GFF106

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



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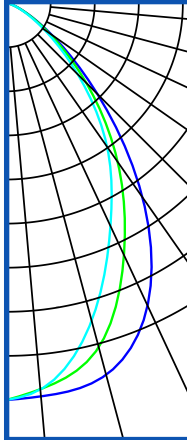
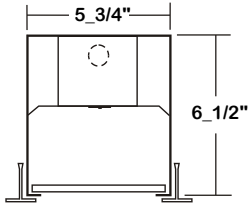
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PHOTOMETRIC DATA - GFF106 SERIES - 2'

GFF106-2-2L-PA-1DRDM-UNV-1/840

TEST NO. = LA-T3313
 LED TYPE = 48 LED MODULE
 NO. OF MODULE = 1
 SYSTEM WATT (W) = 16.9
 CRI = >80
 L70 (Hrs.) = 50,000
 PHOTOMETRY TYPE = C



CANDLEPOWER

ANGLE	END	45	CROSS
0	983	983	983
5	978	960	961
15	953	883	815
25	827	688	609
35	587	480	435
45	319	280	250
55	137	127	113
65	47.8	45.8	42.0
75	13.8	12.6	12.1
85	1.8	1.5	1.5
90	0.04	0.05	0.04
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	668.2	31.2	48.7
0-40	979.5	45.7	71.4
0-60	1311	61.2	95.6
0-90	1371	64	100
90-120	0	0.0	0.0
90-150	0	0.0	0.0
90-180	0	0.0	0.0
0-180	1371	64	100.0

Luminaire Output= 1370.9 lm
 Luminaire Efficacy = 81.12 lm/W

SPACING CRITERION

ALONG	ACROSS
1.10	0.87

