LA LIGHTING

RECESSED LED
FIC 120 (2X2) SERIES (2X4 AVAILABLE)
TRIM FLANGED INDIRECT / DIRECT ILLUMINATED CENTER BASKET LUMINAIRE
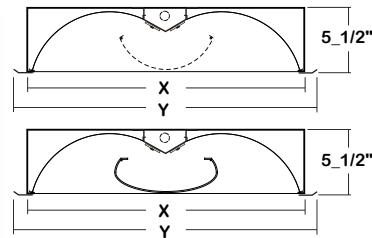
RECESSED MOUNTED LED LUMINAIRE

DIMENSIONS

5_1/2"

5_1/2"

Ceiling Open   X = 24_1/2" x 24_1/2"
Overall Width By Length   Y = 26" x 26"

⊞⊞ ACCESS PLATE
⊹ 7/8" K.O.
● 3/8" K.O.

23_3/4"

19_3/4" O/C

23_3/4"

19_3/4" O/C
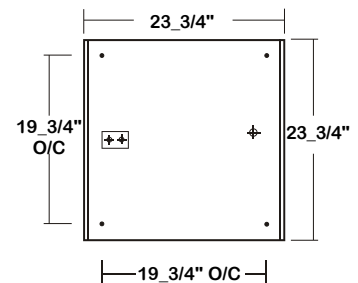
APPLICATIONS
• Commercial, Office, Classroom

FEATURES
• 0-10V dimming driver standard *(See DRIVER OPTIONS for other dimming types)*
• 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 *(See SENSOR OPTIONS for wireless controls)*
• Emergency battery pack available *(See BATTERY PACK OPTIONS for battery pack options)*
• Hanger yokes available *(See ACCESSORIES for details)*

SPECIFICATIONS

CONSTRUCTION
• 22 ga. cold rolled steel housing (20 ga. housing available as specified)
• 18 ga. trim flange

FINISH
• Baked white polyester finish (powder coated finish available) / minimum reflectance 86%
• Trim flange: baked white powder coated finish
• Reflectors: high reflectance low gloss matte white finish

OPTICAL
• Perforated center-mount steel / white acrylic overlay with polyethelyne protective trim standard
• Frosted acrylic / linear pattern available

ELECTRICAL
• High efficiency drivers coupled with long-life LEDs
• Service life tested at 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

MADE IN USA cULus RoHS COMPLIANT

MADE IN THE U.S.A.

Revised 08-29-18

ORDERING INFORMATION

EXAMPLE: FIC120-4-2L-PDA-BPL10-1DRDM-UNV-2/840

SERIES	LED LUMEN PACKAGE	EFFICACY	NOMINAL LENGTH	OPTICAL	ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROW	CRI / CCT
FIC120			**2L**			**1DRDM**	**UNV**	**2**	
FIC120 Trim Flanged Indirect / Direct Illuminated Center Basket LED Luminaire	**2** Nom. 2000 Lumens **3** Nom. 3000 Lumens **4** Nom. 4000 Lumens **6** Nom. 6000 Lumens *Additional Lumen Packages Available*	**(Blank)** Standard **HE** High Efficacy	**2L** 2X2	**PDA** Perforated Steel / White Acrylic Overlay with Polyethelyne Protective Trim **F/LP** Frosted Acrylic / Linear Pattern	**BPL10** Emergency Battery Pack, Constant 10W Nom. 1500 lm *See BATTERY PACK OPTIONS for Options* **WLC(LEDRU)** EnOcean Wireless Control *See SENSOR OPTIONS for Options* *Leave Blank if Not Specified* *Additional Electrical Options*	**1DRDM** 0-10V One Dimming Driver *See DRIVER OPTIONS for Options*	**UNV** 120V-277V *See DRIVER OPTIONS for Options*	**2** Two LED Rows	**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 / HID / CFL EQUIVALENT	IES FILES
2000 Lumens (Nominal)	FIC120-2-2L-PDA-1DRDM-UNV-2/840	1445 lm	15.7 W	91.9 lm/W	-20°C / 35°C	2-F17T8, 1-F24T5HO, 1-BX40	*
3000 Lumens (Nominal)	FIC120-3-2L-PDA-1DRDM-UNV-2/840	2119 lm	24.3 W	87.1 lm/W	-20°C / 35°C	3-F17T8, 1-BX55	*
4000 Lumens (Nominal)	FIC120-4-2L-PDA-1DRDM-UNV-2/840	3069 lm	31.3 W	98.2 lm/W	-20°C / 35°C	4-F17T8, 2-F24T5HO, 2-BX40	LA-T3360-2
6000 Lumens (Nominal)	FIC120-6-2L-PDA-1DRDM-UNV-2/840	3946 lm	52.3 W	75.4 lm/W	-20°C / 35°C	6-F17T8, 2-BX55	*

LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
2000 Lumens (Nominal)	FIC120-2HE-2L-PDA-1DRDM-UNV-2/840	1450 lm	12.6 W	115.4 lm/W	-20°C / 35°C	2-F17T8, 1-F24T5HO, 1-BX40	*
3000 Lumens (Nominal)	FIC120-3HE-2L-PDA-1DRDM-UNV-2/840	2022 lm	17.8 W	113.4 lm/W	-20°C / 35°C	3-F17T8, 1-BX55	*
4000 Lumens (Nominal)	FIC120-4HE-2L-PDA-1DRDM-UNV-2/840	2577 lm	23.2 W	111.1 lm/W	-20°C / 35°C	4-F17T8, 2-F24T5HO, 2-BX40	*
6000 Lumens (Nominal)	FIC120-6HE-2L-PDA-1DRDM-UNV-2/840	3893 lm	36.8 W	105.8 lm/W	-20°C / 35°C	6-F17T8, 2-BX55	*

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.

PERFORMANCE DATA

VIEW PHOTOMETRICS

Los Angeles Lighting Mfg. Co.
Headquarters
10141 Olney Street
El Monte, CA 91731
Made in the USA

Contact Us
T: 626-454-8300
F: 626-454-8399
www.lalighting.com

MADE IN THE U.S.A.

SENSOR OPTIONS

enocean® CONTROLS AND SENSORS

WLC(LEDRU) - 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
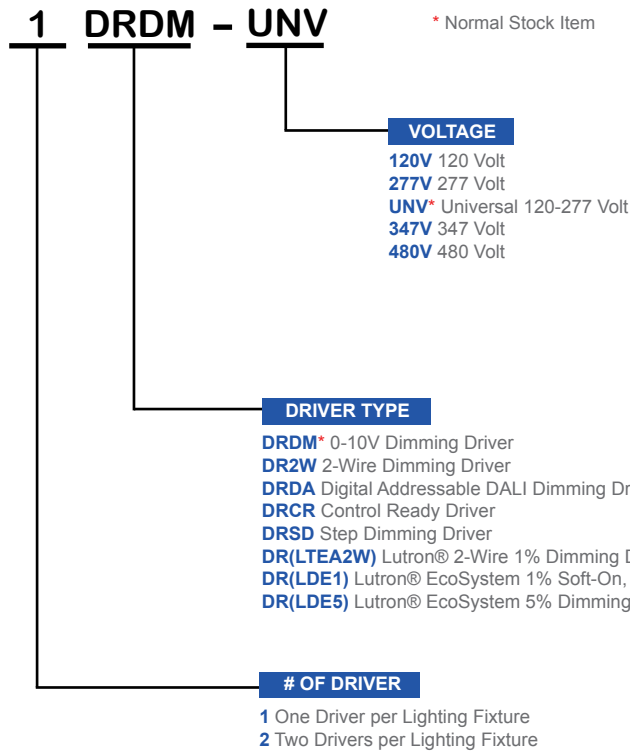
EOSCU-W-EO - EnOcean® Occupancy Sensor – Ceiling Mount
• Wireless ceiling mounted occupancy sensor
• Solar powered - no batteries needed (coin battery operated in low light conditions)
• PIR motion sensor with 360 degree viewing angle lens (34' diameter)
• Mounting height: 7-10 feet

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
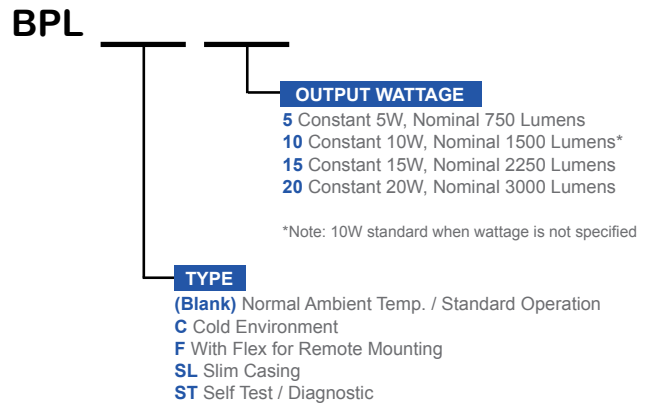• Mounting position: At the ceiling, close to ambient light source

DRIVER OPTIONS

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

1 DRDM – UNV

* Normal Stock Item

VOLTAGE
120V 120 Volt
277V 277 Volt
UNV* Universal 120-277 Volt
347V 347 Volt
480V 480 Volt

DRIVER TYPE
DRDM* 0-10V Dimming Driver
DR2W 2-Wire Dimming Driver
DRDA Digital Addressable DALI Dimming Driver
DRCR Control Ready Driver
DRSD Step Dimming Driver
DR(LTEA2W) Lutron® 2-Wire 1% Dimming Driver (120V Forward Phase only)
DR(LDE1) Lutron® EcoSystem 1% Soft-On, Fade-to-Black™ Dimming Driver
DR(LDE5) Lutron® EcoSystem 5% Dimming Driver

 # OF DRIVER
1 One Driver per Lighting Fixture
2 Two Drivers per Lighting Fixture

BATTERY PACK OPTIONS

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

BPL

OUTPUT WATTAGE
5 Constant 5W, Nominal 750 Lumens
10 Constant 10W, Nominal 1500 Lumens*
15 Constant 15W, Nominal 2250 Lumens
20 Constant 20W, Nominal 3000 Lumens

*Note: 10W standard when wattage is not specified

TYPE
(Blank) Normal Ambient Temp. / Standard Operation
C Cold Environment
F With Flex for Remote Mounting
SL Slim Casing
ST Self Test / Diagnostic

ACCESSORIES

HS-24_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
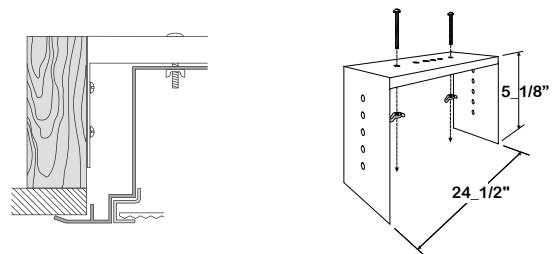
5_1/8"
24_1/2"

MADE IN THE U.S.A.

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.

Revised 08-29-18

PHOTOMETRIC DATA - FIC120 SERIES (2FT)

FIC120-4-2L-PDA-1DRDM-UNV-2/840

TEST NO.=LA-T3360-2
LED TYPE= 48 LED MODULE
NO. OF MODULE=2
SYSTEM WATT (W)=33.1

CRI ≥ 80
L70(Hrs.) ≥ 50,000
PHOTOMETRY TYPE=C

5_1/2"

X
Y

5_1/2"

X
Y

Ceiling Open   X = 24_1/2" x 24_1/2"
Overall Width By Length   Y = 26" x 26"
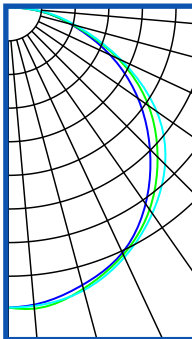
CANDLEPOWER

ANGLE	END	45	CROSS
0	930	930	930
5	925	937	929
15	891	903	908
25	839	846	854
35	743	765	780
45	622	656	688
55	492	532	563
65	349	378	388
75	201	207	219
85	72	75	80
90	4	5	5
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	736	17	26
0-40	1215	28	43
0-60	2198	51	77
0-90	2852	67	100
90-120	0.0	0.0	0.0
90-150	0.0	0.0	0.0
90-180	0.0	0.0	0.0
0-180	2853	67	100
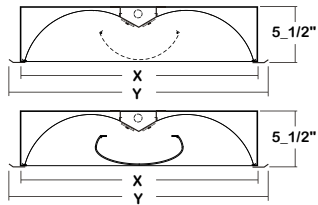
Luminaire Output= 2853.1 lumens
Luminaire Efficacy = 86.2 lm/W

SPACING CRITERION

ALONG	ACROSS
1.26	1.30

LOS ANGELES LIGHTING MFG. CO.

10141 OLNEY ST. / EL MONTE, CA 91731
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FIC120_2FT