

Project:	Catalog#:	Type:
Prepared By:	Notes:	Date:

E3FMB

LED Round Metal-trim Flushmount Fixture
CCT-select & Wattage Select • 10 Year Limited Warranty



Overview

Energetic Lighting's E3FMB series of LED round flushmount fixtures are designed to emulate the look and feel of traditional circline fluorescent tube flushmount fixtures, but operate at a significantly lower wattage. ezCCT and ezWatt features allow for field-selection of CCT (3000K, 4000K, or 5000K), and wattage (22W, 18W, or 15W), both accessible by removing the diffuser. Installation is quick and simple when mounting over standard ceiling junction boxes using the included crossbar and hardware, and further output control is available by installing on circuits with standard wall triac dimmers. With a CRI of >90, this fixture will bring out vibrant true-to-life colors of all objects illuminated within the room. Constructed with a durable steel housing body and LED lifetime rating of at least 50,000 hours, this rugged flushmount is designed for many years of reliable operation.

Features

- Ez-CCT field -selectable CCT - 3000K(std), 4000K & 5000K @>90 CRI
- EZWATT field-selectable Wattage- 3 steps, varied by models (See stock ordering information)
- Suitable for wet locations installations
- Dimmable down to 10% with triac wall switch dimmers
- Minimum 85% lumen maintenance @ 50,000 hours -L70/54,000 (per les TM21)

Applications

- Residential and Multi-family
- Commercial and Retail
- Office and Hallway
- Healthcare and Hospitality
- General Indoor Area

Highlights



Field-Selectable CCT and Wattage control provides flexibility to installation & stocking



Standard 3-piece housing with toolless thumb nut retainers for easy access to inner compartment



Elegant brushed aluminum trim with large diffusion lens to provide an even light distribution



Wet location provided with foam gasket on both diffuser rim and back housing panel to prevent water ingress

Load Information

Input Voltage	120 Vac
Power Factor	>0.9
THD	<20%
Low Temp Start	-20°C (4°F)
Max Temp	40°C (104°F)
Unit Weight	14" 2 lbs per pack

Shipping Information

Item	Weight	Box Qty.
14"	14 lbs	8 per case

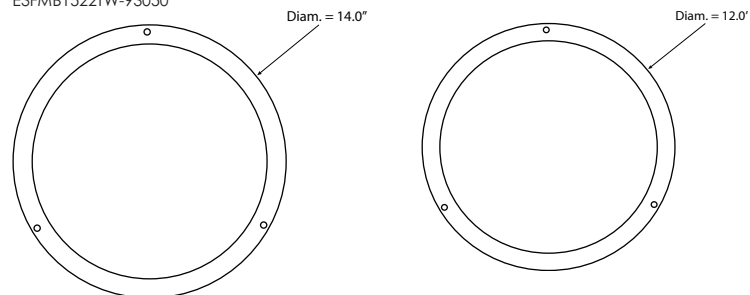
Lumen Maintenance

Housing Type	Ambient Temperature	TM-21 Lumen Maintenance (50,000 hours)	Theoretical L70 (hours)
14" profile	25°C	>85.51%	54,000
12" profile	25°C	>85.51%	54,000

Dimensions

14" Profile
E3FMB1522T-93050
E3FMB1522TW-93050

12" Profile
E3FMB14T-93050





ENERGETIC
LIGHTING

E3FMB

LED Round Flush Mount Fixture CCT-select
50,000 System Lifetime • 10 Year Limited Warranty

Model Ordering Number

Series Prefix

E3FMB

E3FMB
Energetic LED
Round Flush Mount
CCT-Selectable

Wattage

12

14 14W
1522 15, 18, or 22W

Dimming

T

T Triac
Dimmable
(default)

CRI

9

9 90 CRI

CCT

3050

3050 3000K, 4000K, or 5000K

Ordering Examples:

1. For E3FMB 15, 18, 22W Selectable CCT 100-277V

Model#: E43FMB1522T-93050

STOCK ORDER INFORMATION

12" Profile

CCT Selectable 12" Profile 100-277V

Model Number	Order #	Lumens	Wattage	LPW	Color Temp	CRI	Voltage	Dimming	DLC	Pallet Qty
E3FMB14T-93050	40049	980	14W	70	3000k,4000k, &5000k CCT	92	120V	Triac	ETL, JA8 Energy Star	TBA

14" Profile

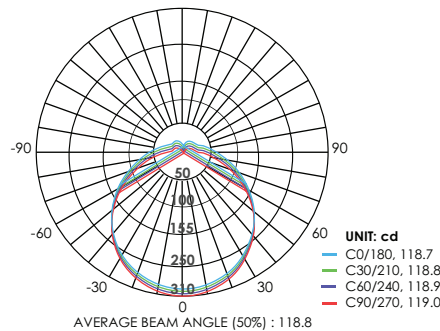
CCT Selectable 14" Profile 100-277V

Model Number	Order #	Lumens	Wattage	LPW	Color Temp	CRI	Voltage	Dimming	DLC	Pallet Qty
E3FMB1522T-93050	40050	1000,1260, 1540LM	15W, 18W, 22W Select	70	3000k,4000k, &5000k CCT	92	120V	Triac	ETL, JA8 Energy Star	84
E3FMB1522TW-93050	40051	1000,1260, 1540LM	15W, 18W, 22W Select	70	3000k,4000k, &5000k CCT	92	120V	Triac	ETL, JA8 Energy Star	84

PHOTOMETRIC DATA

Model: E3FMB14T-93050
Test Report: E3FMB14T-93050.ies
CCT: 3000
Lamp Type: LED
Lumens: 1142 LM
Input Watts: 14 W
Efficacy: 81 LM/W

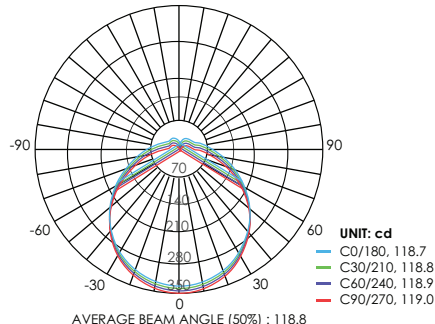
Lumen Intensity Graph: E4FMB14T-93050



Mounting Height	0 fc MAX	Iso-fc Avg:	Diameter:
5 ft	0 fc MAX	0 fc	0 ft.
8 ft	0 fc MAX	0 fc	0 ft.
10 ft	0 fc MAX	0 fc	0 ft.
12 ft	0 fc MAX	0 fc	0 ft.
16 ft	0 fc MAX	0 fc	0 ft.
20 ft	0 fc MAX	0 fc	0 ft.

Model: E3FMB1522T-93050
Test Report: E3FMB1522T-93050.ies
CCT: 3000
Lamp Type: LED
Lumens: 1742 LM
Input Watts: 21.5 W
Efficacy: 81 LM/W

Lumen Intensity Graph: E4FMB1522T-93050



Mounting Height	0 fc MAX	Iso-fc Avg:	Diameter:
5 ft	10.4 fc MAX	5 fc	8.7 ft.
8 ft	6.3 fc MAX	2.5 fc	11.7 ft.
10 ft	4 fc MAX	2 fc	12.6 ft.
12 ft	2.7 fc MAX	1 fc	18 ft.
16 ft	1.4 fc MAX	0.75 fc	20.5 ft.
20 ft	.92 fc MAX	0.5 fc	24.3 ft.



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L I G H T I N G

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NOTES: