ENERGETIC® LIGHTING

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
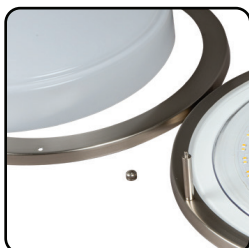• Minimum 85% lumen maintenance @ 50,000 hours -L70/54,000 (per les TM21)

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 retrainers 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

Diam. = 14.0"

12" Profile
E3FMB14T-93050
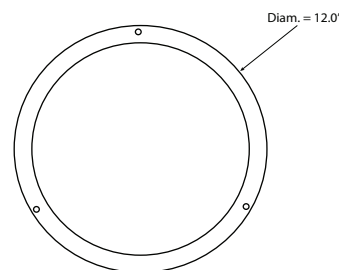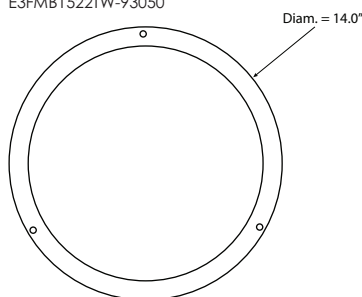
Diam. = 12.0'

Model Ordering Number

Series Prefix	Wattage	Dimming		CRI	CCT
E3FMB	12	T	—	9	3050

E3FMB	**14** 14W	**T** Triac	—	**9** 90 CRI	**3050** 3000K, 4000K, or 5000K
Energetic LED Round Flush Mount CCT-Selectable	**1522** 15, 18, or 22W	Dimmable (default)			

Ordering Examples:

1. For E3FMB 15, 18, 22,W Selectable CCT 100-277V	**Model#: E43FMB1522T-93050**

STOCK ORDER INFORMATION

CCT Selectable 12" Profile 100-277V

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

CCT Selectable 14" Profile 100-277V

	Model Number	Order #	Lumens	Wattage	LPW	Color Temp	CRI	Voltage	Dimming	DLC	Pallet Qty
14" Profile	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

UNIT: cd
— C0/180, 118.7
— C30/210, 118.8
— C60/240, 118.9
— C90/270, 119.0
AVERAGE BEAM ANGLE (50%) : 118.8

Mounting Height		Iso-fc Avg: Diameter:	
5 ft	0 fc MAX	Iso-fc Avg: Diameter:	0 fc 0 ft.
8 ft	0 fc MAX	Iso-fc Avg: Diameter:	0 fc 0 ft.
10 ft	0 fc MAX	Iso-fc Avg: Diameter:	0 fc 0 ft.
12 ft	0 fc MAX	Iso-fc Avg: Diameter:	0 fc 0 ft.
16 ft	0 fc MAX	Iso-fc Avg: Diameter:	0 fc 0 ft.
20 ft	0 fc MAX	Iso-fc Avg: Diameter:	0 fc 0 ft.
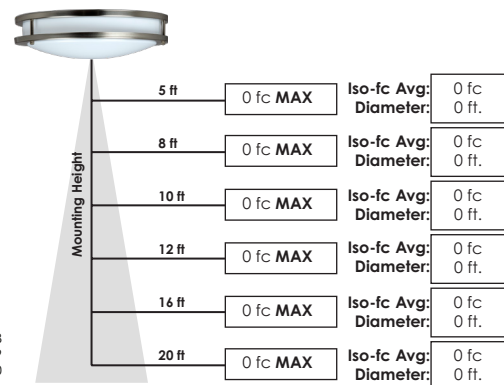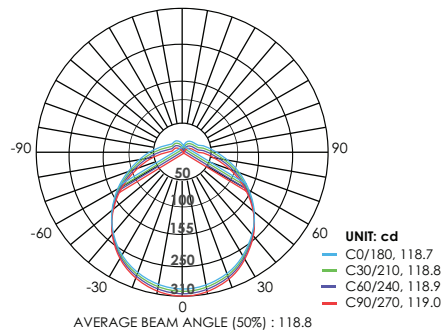
Model:	E3FMB1522T-93050
Test Report	E3FMB1522T-93050.ies
CCT:	3000
Lamp Type:	LED
Lumens:	1742 LM
Input Watts	21.5 W
Efficacy:	81 LM/W

Lumen Intensity Graph:
E4FMB1522T-93050

UNIT: cd
— C0/180, 118.7
— C30/210, 118.8
— C60/240, 118.9
— C90/270, 119.0
AVERAGE BEAM ANGLE (50%) : 118.8

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