

## FMB01R17E93050-TF-BN

LED Round Metal-trim Flushmount Fixture  
CCT-select • 5 Year Limited Warranty



### Overview

Energetic Lighting's FMB01R17E 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. You can freely adjust 3000K (warm white)/4000K (cool white)/5000K (daylight) according to your needs with our flush mount ceiling light, which emits different comfortable lighting to meet your daily needs. 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
- Suitable for damp locations installations
- Dimmable down to 10% with triac wall switch dimmers
- 14-inch 28W ceiling light, The flush ceiling light has a CRI of 90+
- Minimum 85% lumen maintenance @ 50,000 hours

### Applications

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

### Highlights



You can freely adjust in 3000K (warm white) 4000K (cool white) 5000K (daylight) according to your needs



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

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

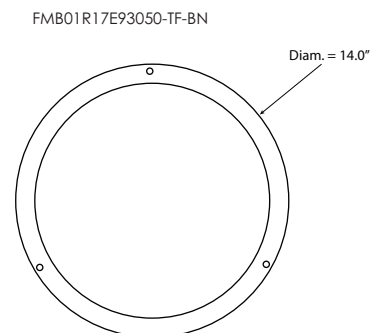
### Shipping Information

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

### Dimensions



## Model Ordering Number

Series Prefix	Lumens	Dimming	CRI	CCT
<b>FMB01R</b>	<b>17</b>	<b>E</b>	<b>9</b>	<b>3050</b>
<b>FMB01R</b> Energetic LED Flush Mount Round CCT-Selectable	<b>17</b> 1700LM	<b>E</b> Dimmable	<b>9</b> 90 CRI	<b>3050</b> 3000K, 4000K, or 5000K

## STOCK ORDER INFORMATION

### CCT Selectable 14" Profile 120V

14" Profile

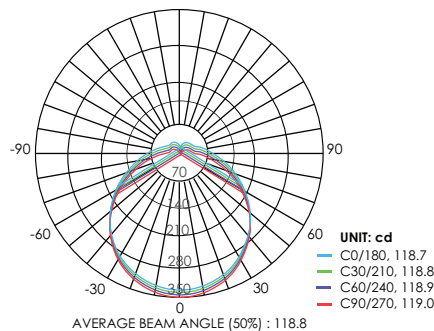
Model Number	Lumens	Wattage	LPW	Color Temp	CRI	Voltage	Dimming	DLC	Pallet Qty
FMB01R17E93050-TF-BN	1700LM	28W	60	3000k,4000k, &5000k CCT	90	120V	Triac	ETL/FCC	84

## PHOTOMETRIC DATA

Model: FMB01R17E93050-TF-BN  
 Test Report: FMB01R17E93050-TF-BN.ies  
 CCT: 3000K  
 Lamp Type: LED  
 Lumens: 1700 LM  
 Input Watts: 28 W  
 Efficacy: 60 LM/W

### Lumen Intensity Graph:

FMB01R17E93050-TF-BN



Mounting Height	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.