FMB01R17E93050-TF-BN (brushed nickel)
FMB01R17E93050-TF-BK (black finish)

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

brushed nickel   black finish

ETL Intertek
10 YEAR WARRANTY
RoHS COMPLIANT
ez CCT

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

Freely adjust between 3000K (warm white), 4000K (cool white), 5000K (daylight) according to needs

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

Dimensions

FMB01R17E93050-TF-BN
FMB01R17E93050-TF-BK

Diam. = 14.0"

Model Ordering Number

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

STOCK ORDER INFORMATION

CCT Selectable 14" Profile 120V (Brushed Nickel)

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

CCT Selectable 14" Profile 120V (Black)

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

PHOTOMETRIC DATA

Model: FMB01R17E93050-TF-BN(-BK)
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(-BK)

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	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.

Specification are subject to change without notice.
All values are nominal or typical values, measured under laboratory conditions @ 25° C.
Actual performance may vary slightly as a result of end-user environment/application.