

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

E4FMR

LED Round Flush Mount Fixture CCT-select & Wattage Select • 5 Size Options • 10 year Warranty



Overview

Energetic's E4FMR LED Round Flush Mount's sleek and modern design offers a contemporary and modern look to give a remarkable experience to any home/area, with the bonus of operating at a significantly lower wattage. The LED Flushmount's ability to vividly and vibrantly illuminate objects within the room to true-to-life colors with a high CRI of >90. Available in 10", 11", 13", 15", and 19", ezCCT and ezWatt features allow for field-selection of CCT (3000K, 4000K, or 5000K), and wattage (from 12W to 32W), both accessible by removing the diffuser to offer an array of solutions to brighten up your homes/area. E4FMR provides effortless installation to standard junction boxes, and further output control available by installing on a circuit with standard wall triac dimmers. Interchangeably, E4FMR can be configured to subtly bring a warm and charming surroundings to any room or location.

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 dry or damp locations installations
- Dimmable down to 10% with switch dimmers
- Minimum 84% 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 and stocking



Standard toolless twist lock diffuser lens for easy inner compartment access



Quick and simple install over standard junction box mounting screws

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	10" 2 lbs per pack
	11" 2 lbs per pack
	13" 2.5 lbs per pack
	15" 4.43 lbs per pack
	19" 6 lbs per pack

Shipping Information

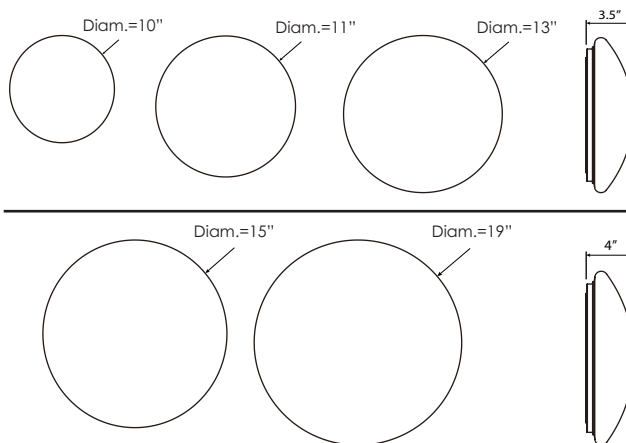
Item	Weight	Box Qty.
10"	14 lbs	8 per case
11"	9 lbs	4 per case
13"	15 lbs	6 per case
15"	15 lbs	4 per case
19"	12 lbs	2 per case

Lumen Maintenance

Housing Type	Ambient Temperature	TM-21 Lumen Maintenance (50,000 hours)	Theoretical L70 (hours)
10" profile	25°C	>85.51%	54,000
11" profile	25°C	>84.94%	54,000
13" profile	25°C	>85.51%	54,000
15" profile	25°C	>85.51%	54,000
19" profile	25°C	>84.43%	54,000

Dimensions

10" 11" 13" 15" 19"
E4FMR12D-93050
E4FMR14D-93050
E4FMR1522D-93050
E4FMR1824D-93050
E4FMR2432D-93050



Model Ordering Number

Series Prefix	Wattage	Dimming	CRI	CCT
E4FMR	12	D	9	3050
E4FMR Energetic LED Round Flush Mount CCT-Selectable	12 12W 14 14W 1522 15, 18, or 22W 2228 22, 24, or 28W 2432 24, 28, or 32W	D Triac Dimmable (default)	9 90 CRI	3050 3000K, 4000K, or 5000K

Ordering Examples:

1. For E4FMR 24,28,32W Selectable CCT 100-277V

Model#: E4FMR2432D-9350

STOCK ORDER INFORMATION

CCT Selectable 10" Profile 100-277V

9" Profile

Model Number	Order #	Lumens	Wattage	LPW	Color Temp	CRI	Voltage	Dimming	DLC	Pallet Qty
E4FMR12D-93050	40043	840LM	12W	70	3000k,4000k, &5000k CCT	90	120V	Triac	Energy Star	160

CCT Selectable 11" Profile 100-277V

11" Profile

Model Number	Order #	Lumens	Wattage	LPW	Color Temp	CRI	Voltage	Dimming	DLC	Pallet Qty
E4FMR14D-93050	40044	1000LM	14W	70	3000k,4000k, &5000k CCT	90	120V	Triac	Energy Star	160

CCT Selectable 13" Profile 100-277V

13" Profile

Model Number	Order #	Lumens	Wattage	LPW	Color Temp	CRI	Voltage	Dimming	DLC	Pallet Qty
E4FMR1522D-93050	40045	1100, 1300, 1600LM	15W,18W, 22W Select	70	3000k,4000k, &5000k CCT	95	120V	Triac	Energy Star	162

CCT Selectable 15" Profile 100-277V

15" Profile

Model Number	Order #	Lumens	Wattage	LPW	Color Temp	CRI	Voltage	Dimming	DLC	Pallet Qty
E4FMR1824D-93050	40046	1260,1470, 1680LM	18W,21W, 24W Select	70	3000k,4000k, &5000k CCT	90	120V	Triac	Energy Star	80

CCT Selectable 18" Profile 100-277V

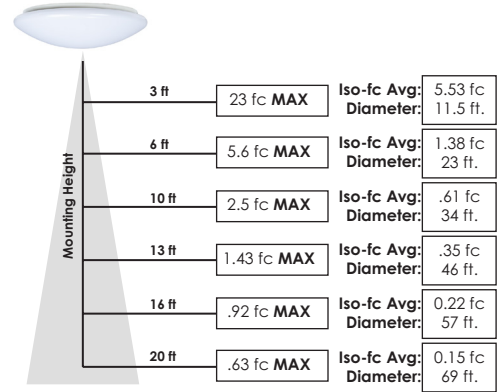
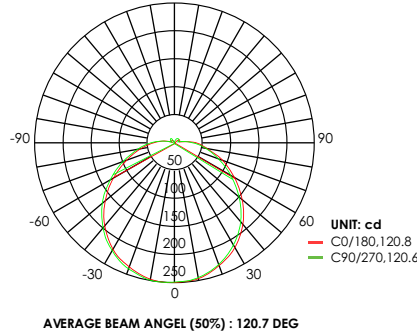
18" Profile

Model Number	Order #	Lumens	Wattage	LPW	Color Temp	CRI	Voltage	Dimming	DLC	Pallet Qty
E4FMR2432D-93050	40047	1680,1960, 2240LM	24W, 28W, 32W, Select	70	3000k,4000k, &5000k CCT	90	120V	Triac	Energy Star	48

PHOTOMETRIC DATA

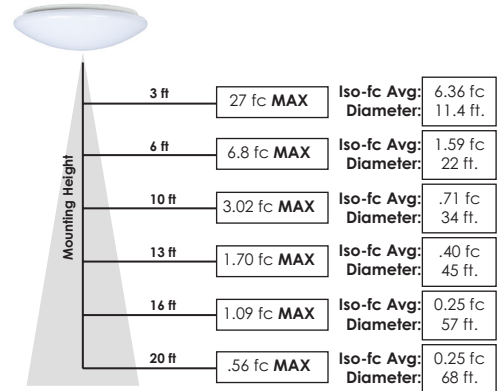
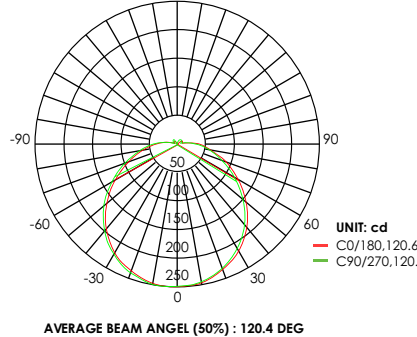
Model: E4FMR12D-93050
 Test Report: E4FMR12D-93050.ies
 CCT: 3000
 Lamp Type: LED
 Lumens: 840 LM
 Input Watts: 12 W
 Efficacy: 70 LM/W

Lumen Intensity Graph:
E4FMR12D-93050



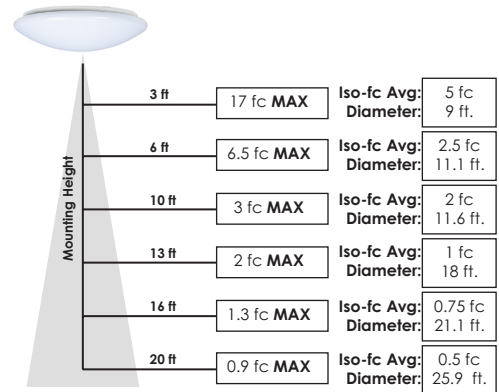
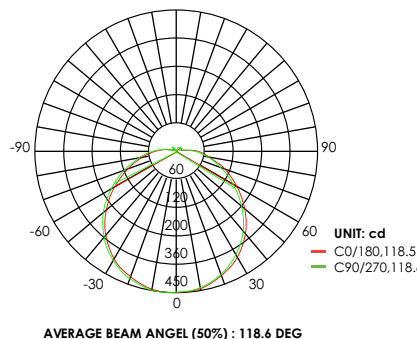
Model: E4FMR14D-93050
 Test Report: E4FMR14D-93050.ies
 CCT: 3000
 Lamp Type: LED
 Lumens: 1000 LM
 Input Watts: 14 W
 Efficacy: 70 LM/W

Lumen Intensity Graph:
E4FMR14D-93050



Model: E4FMR1522D-93050
 Test Report: E4FMR1522D-93050.ies
 CCT: 3000
 Lamp Type: LED
 Lumens: 1600 LM
 Input Watts: 22 W (set at 22W)
 Efficacy: 70 LM/W

Lumen Intensity Graph:
E4FMR1522D-93050



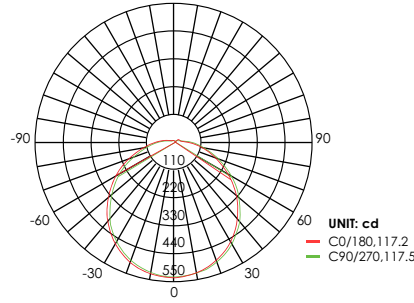
Reference IES on website for selectable 15W and 18W reports



Model: E4FMR1824D-93050
Test Report E4FMR1824D-93050.ies
CCT: 3000
Lamp Type: LED
Lumens: 1766 LM
Input Watts 24 W (set at 24W)
Efficacy: 70 LM/W

Reference IES on website for selectable 18W and 22W reports

Lumen Intensity Graph:
E4FMR1824D-93050



AVERAGE BEAM ANGLE (50%) : 117.4 DEG

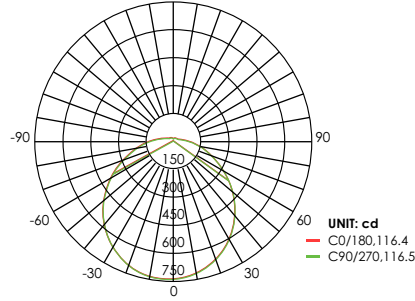


3 ft	50 fc MAX	Iso-fc Avg: 13 fc Diameter: 10.8 ft.
6 ft	12 fc MAX	Iso-fc Avg: 3.27 fc Diameter: 21.5 ft.
10 ft	5 fc MAX	Iso-fc Avg: 1.45 fc Diameter: 32.3 ft.
13 ft	3 fc MAX	Iso-fc Avg: .82 fc Diameter: 43 ft.
16 ft	2 fc MAX	Iso-fc Avg: 0.52 fc Diameter: 53.8 ft.
20 ft	1.39 fc MAX	Iso-fc Avg: .36 fc Diameter: 64.5 ft.

Model: E4FMR2432D-93050
Test Report E4FMR2432D-93050.ies
CCT: 3000
Lamp Type: LED
Lumens: 2240 LM
Input Watts 32 W (set at 32W)
Efficacy: 70 LM/W

Reference IES on website for selectable 24W and 28W reports

Lumen Intensity Graph:
E4FMR2432D-93050



AVERAGE BEAM ANGLE (50%) : 116.5 DEG



3 ft	69 fc MAX	Iso-fc Avg: 18 fc Diameter: 10.6 ft.
6 ft	17 fc MAX	Iso-fc Avg: 4.5 fc Diameter: 21.2 ft.
10 ft	7 fc MAX	Iso-fc Avg: 1.99 fc Diameter: 31.8 ft.
13 ft	4 fc MAX	Iso-fc Avg: 1.12 fc Diameter: 42.3 ft.
16 ft	2.76 fc MAX	Iso-fc Avg: 0.72 fc Diameter: 52.9 ft.
20 ft	1.92 fc MAX	Iso-fc Avg: 0.5 fc Diameter: 63.5 ft.



ENERGETIC
L I G H T I N G

E4FMR

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

NOTES: