MERD Series

4"/6" Baffle or Smooth Economy Retrofit Downlight

MWLIGHTING

Retrofit Downlight

The **MERD Series 4" or 6" Economy Smooth or Baffle Retrofit Downlight** delivers **energy-saving, cost-efficient illumination** for residential and light commercial interiors. Ideal for **living rooms, kitchens, bedrooms, hallways, offices, retail stores, galleries, and hospitality spaces**, it retrofits easily into existing housings for a fast, modern lighting upgrade while reducing energy consumption and operating costs.

4" Baffle Retrofit Downlight

4" Smooth Retrofit Downlight

6" Baffle Retrofit Downlight

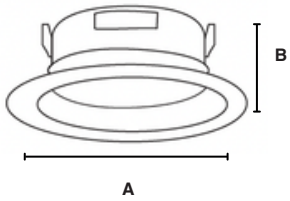
6" Smooth Retrofit Downlight

Key Features — Black Retrofit Downlight

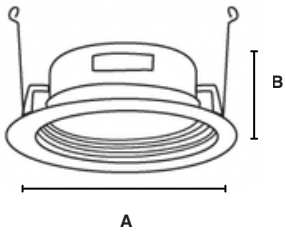
- Economy design for energy-saving and lower operating costs
- 5 selectable color temperatures (2700K–5000K)
- Choice of Smooth or Baffle trim
- Compatible with most standard 4" and 6" recessed housings
- 120V line voltage operation
- Smooth, uniform illumination with reduced glare

Baffle/Smooth	4" Economy Retrofit	6" Economy Retrofit
Color Temp.	27K/30K/35K/40K/50K	27K/30K/35K/40K/50K
Wattage	11W	14W
Lumens	750LM	1100LM
Voltage	120V	120V
Dimming	TRIAC	TRIAC
CRI	90+	90+

Dimension



4" Retrofit Downlight



6" Retrofit Downlight

E26 Adapter Included

Item Number	A(Diameter)	B(Hight)
4" Economy Retrofit	5.12"	1.58"
6" Economy Retrofit	7.09"	1.97"

Website: www.mwledlighting.com
Email: Info@mwledlighting.com
Location: 15250 Stafford, City Of Industry, CA91744

MERD Series

4"/6" Baffle or Smooth Economy Retrofit Downlight

Technical Summary

Item Number	Description	Wattage	Lumens	Color Temp.	Voltage	Dimming	CRI
MERD409SM-5CCT	4" Economy Retrofit Smooth	9W	750LM	27K/30K/35K/40K/50K	120V	TRIAC	90+
MERD612SM-5CCT	6" Economy Retrofit Smooth	12W	1000LM	27K/30K/35K/40K/50K	120V	TRIAC	90+
MERD409BA-5CCT	4" Economy Retrofit Baffle	9W	750LM	27K/30K/35K/40K/50K	120V	TRIAC	90+
MERD612BA-5CCT	6" Economy Retrofit Baffle	12W	1000LM	27K/30K/35K/40K/50K	120V	TRIAC	90+

Construction

- Durable, lightweight aluminum housing for long-lasting performance
- Choice of Smooth or Baffle trim in a clean white finish
- Compact, easy-to-install design for retrofit applications

Driver

- High-efficiency LED driver, compatible with 120V line voltage
- Smooth dimming down to 10%
- Constant current design for stable performance and long life
- Compatible with IC and Non-IC housings

Optics

- 5 selectable color temperatures (2700K–5000K)
- 90+ CRI for accurate color rendering
- Deep-set LED for reduced glare and uniform light distribution
- UV-resistant polycarbonate lens for durability and clarity

Mount

- Fits standard 4" and 6" recessed can housings
- Fits standard 4" and 6" fire rated recessed housings
- Fits 4" remodel housings and 6" remodel housings
- E26 screw base adapter included for easy retrofit
- Quick-install clips for secure, tool-free mounting
- Wet location rated, suitable for bathrooms and covered outdoor ceilings

Accessories (SOLD SEPARATELY)

IC-Type Shallow Housing Can For New Construction

M408-SH (4 inch Shallow Housing)

M608-SH (6 inch Shallow Housing)

IC-Type Shallow Housing Can For Remodeling

M408-SH-RM
(4 inch Shallow Housing Remodel)

M608-SH-RM
(6 inch Shallow Housing Remodel)

Fire Rated Recessed Housing

MF4 (4" Fire Resistant Junction Box)

MFR4-RH (4" Fire Resistant Recessed Housing)

MFR6-RH (6" Fire Resistant Recessed Housing)

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MERD Series

Photometry

Project Name:	
Prepare By:	
Date:	
Contact/Phone:	

4" Economy Retrofit Downlight

6" Economy Retrofit Downlight

	Item Number	Description
	MERD409SM-5CCT	4" Economy Retrofit Smooth
	MERD612SM-5CCT	6" Economy Retrofit Smooth
	MERD409BA-5CCT	4" Economy Retrofit Baffle
	MERD612BA-5CCT	6" Economy Retrofit Baffle

Accessories (SOLD SEPARATELY)

	Item Number	Description
	M408-SH	4 inch Shallow Housing
	M608-SH	6 inch Shallow Housing
	M408-SH-RM	4 inch Shallow Housing Remodel
	M608-SH-RM	6 inch Shallow Housing Remodel
	MF4	4” Fire Resistant Junction Box
	MFR4-RH	4" Fire Resistant Recessed Housing
	MFR6-RH	6" Fire Resistant Recessed Housing