

MERD Series



4"/6" Baffle or Smooth Economy Retrofit Downlight

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.

Key Features — Economy 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



4" Baffle Retrofit Downlight



4" Smooth Retrofit Downlight



6" Baffle Retrofit Downlight

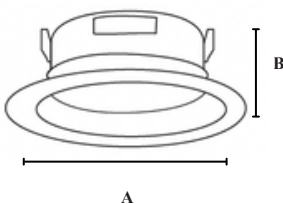


6" Smooth Retrofit Downlight

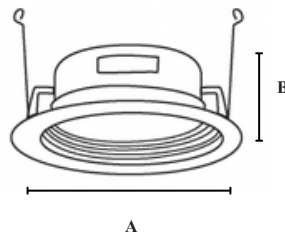
Baffle/Smooth	4" Economy Retrofit	6" Economy Retrofit
Color Temp.	27K/30K/35K/40K/50K	27K/30K/35K/40K/50K
Wattage	11W	14W
Lumens	750LM	1100LM
Voltage	120V	120V
Dimming	TRIAC	TRIAC
CRI	90+	90+



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"



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

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

Dimmer Compatibility

Compatible with most standard TRIAC (forward phase) dimmers, supporting dimming down to 10%; see recommended dimmer list for tested models.

Lutron:

- DVCL-153PR
- MACL-153MLH-WH
- P-PKG1V-WH-R
- STCL-153MH-WH

Leviton:

- R11-DSL06-1TW
- R00-RNL06-0TV
- R68-06674-P0T
- R02-D26HD-1RW

Legrand:

- RHCL453PNICCV4

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

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

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

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)

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