

# MRHD Series - With Mud Ring

## 1"/2"/3" Trim-Less Downlight With Mud Ring



### Trim-Less Downlight With Mud Ring

The **MRHD Series Trim-Less Downlight** is designed for a clean, seamless ceiling appearance using a mud-in installation system. Available in **1", 2", and 3"** sizes, it integrates directly into drywall for a minimal, architectural finish. With 5CCT selectable color temperature and high-efficiency LED performance, it delivers flexible lighting for residential and light commercial applications such as **living rooms, kitchens, hallways, hotels, and modern architectural spaces.**



MRHD315W-TL-5CCT-WH



MRHD213W-TL-5CCT-WH



MRHD109W-TL-5CCT-WH

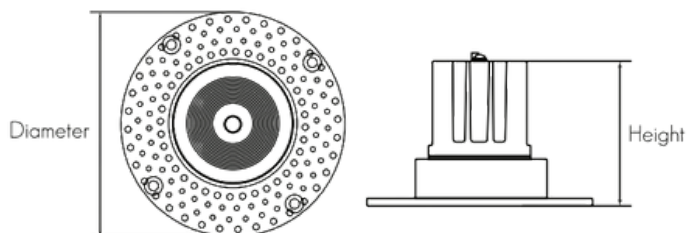
### Key Features — Trim-Less Downlight With Mud Ring

- Trim-less design with mud-in installation system and included mud ring for seamless drywall integration
- Available in 1", 2", and 3" compact sizes
- 5CCT selectable (2700K–5000K) for flexible lighting environments
- TRIAC dimming compatible (120V) for smooth brightness control
- CRI 90+ for high color accuracy and natural light rendering
- High-efficiency LED with stable and consistent output
- Designed for clean architectural ceiling aesthetics



	MRHD109W	MRHD213W	MRHD315W
<b>Color Temp.</b>	5CCT	5CCT	5CCT
<b>Wattage</b>	9W	13W	15W
<b>Lumens</b>	600LM	800LM	900LM
<b>Voltage</b>	120V	120V	120V
<b>Dimming</b>	TRIAC	TRIAC	TRIAC
<b>CRI</b>	90+	90+	90+

### Dimension



Item Number	A(Diameter)	B(Hight)	Hole Size
MRHD109W	3.5"	2.5"	1.85"
MRHD213W	4.25"	2.5"	2.28"
MRHD315W	5.1"	2.5"	3.07"



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### Technical Summary

Item Number	Description	Wattage	Lumens	Color Temp.	Voltage	CRI	Dimming
MRHD109W-TL-5CCT-WH	1" Trim less	9W	600LM	27K/30K/35K/40K/50K	120V	90+	TRIAC
MRHD213W-TL-5CCT-WH	2" Trim less	13W	800LM	27K/30K/35K/40K/50K	120V	90+	TRIAC
MRHD315W-TL-5CCT-WH	3" Trim less	15W	900LM	27K/30K/35K/40K/50K	120V	90+	TRIAC

### Construction

- Durable aluminum housing with integrated trim-less design
- Includes mud ring system for flush drywall installation
- Compact recessed structure for a clean architectural appearance
- Designed for long-term stability and heat dissipation

### Optics

- 5 selectable color temperatures (2700K–5000K)
- CRI 90+ for accurate and natural color rendering
- Soft, uniform light distribution with reduced glare
- Designed for seamless ceiling integration

### 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

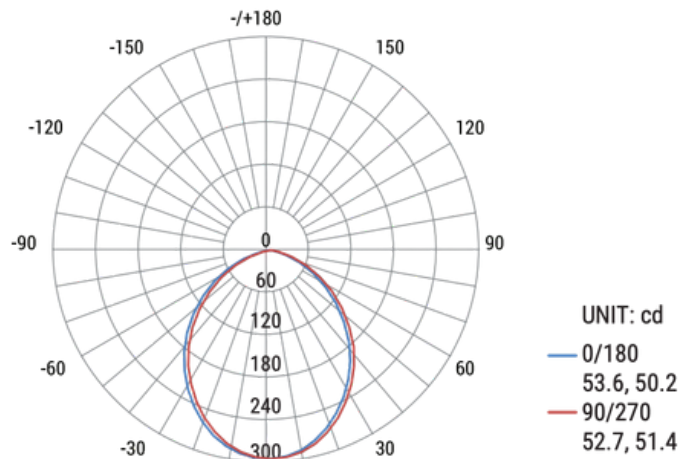
### Driver

- High-efficiency LED driver
- Compatible with 120V input
- Supports TRIAC dimming for smooth brightness control
- Flicker-free stable output

### Mount

- Can-less recessed installation with spring clips for secure, tool-free mounting
- Suitable for new construction and remodel applications
- Compatible with optional mounting accessories:
  - Mounting Plate with Junction Box for 2"/3"/4"/6"/8" (RBMP-2468-JB)
  - Mounting Plate for 2"/3"/4"/5"/6" (MRSDMP-23456)
- Wet location rated, suitable for bathrooms and covered outdoor ceilings

### Photometry



AVERAGE BEAM ANGLE (50%) : 95.9 DEG

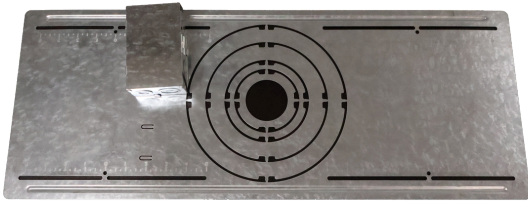


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Project Name:	
Prepare By:	
Date:	
Contact/Phone:	

## Accessories (SOLD SEPARATELY)

**Mounting Plate With Junction Box 2"/3"/4"/6"/8"**



**Mounting plate for 2"/3"/4"/5"/6" can-less downlight**



**25W Emergency Driver**



**3/10 Ft Extension Cord**



Item Number	Description
MRHD109W-TL-5CCT-WH	1" Trim less
MRHD213W-TL-5CCT-WH	2" Trim less
MRHD315W-TL-5CCT-WH	3" Trim less

## Accessories (SOLD SEPARATELY)

Item Number	Description
RBMP-2468-JB	Mounting Plate With Junction Box 2"/3"/4"/6"/8"
MRSDMP-23456	Mounting plate for 2"/3"/4"/5"/6" Can-less downlight
MHV-25W-EM-110V	25W Emergency Driver
M3FTCABLE	3 Ft Extension Cord for Can-less Downlight
M10FTCABLE	10 Ft Extension Cord for Can-less Downlight