

# MHSSD Series



## 3"/4"/6" Square High Lumen Can-less Wattage and Color Selectable Downlight

### High Lumen Can-less Downlight

This high-lumen can-less downlight is available in **3", 4", and 6" Square** trims with **field-selectable wattage and 5CCT color temperature**, providing flexible lighting for a wide range of applications. It is well-suited for **residential and light commercial spaces such as kitchens, living rooms, bedrooms, hallways, bathrooms, offices, retail stores, corridors, and multi-family housing**, making it an ideal solution for both new construction and renovation projects.



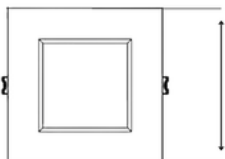
### Key Features — High Lumen Can-less Downlight

- Sizes: 3"/4"/6" Square trim
- 5CCT selectable color temperature
- Field-selectable wattage options
- Voltage: 120–277V
- Dimming: TRIAC & 0–10V
- CRI 80+
- Wet location rated

	MHSSD3	MHSSD4	MHSSD6
<b>Color Temp.</b>	27K/30K/35K/40K/50K	27K/30K/35K/40K/50K	27K/30K/35K/40K/50K
<b>Wattage</b>	9W/12W	12W/15W/19W	19W/25W/32W
<b>Lumens</b>	750LM/1000LM	1000/1400/1800LM	1800/2400/3000LM
<b>Voltage</b>	120-277V	120-277V	120-277V
<b>Dimming</b>	TRIAC/0–10V	TRIAC/0–10V	TRIAC/0–10V
<b>CRI</b>	80+	80+	80+



### Dimension



3.78" (3" model)  
4.93" (4" model)  
6.93" (6" model)



Item Number	A(Diameter)	B(Hight)	Hole Size
MHSSD3-9/12W-5CCT-277	3.78"	2.04"	3.23"
MHSSD4-12/15/19W-5CCT-277	4.92"	2.04"	4.33"
MHSSD6-19/25/32W-5CCT-277	6.93"	2.04"	6.3"



# MHRSD Series

## 3"/4"/6" Square High Lumen Can-less Wattage and Color Selectable Downlight



### Technical Summary

Item Number	Description	Wattage	Lumens	Color Temp.	CRI
MHSSD3-9/12W-5CCT-277	3" Square High Lumen Can-less	9/12W	750/1000LM	27K/30K/35K/40K/50K	80+
MHSSD4-12/15/19W-5CCT-277	4" Square High Lumen Can-less	12/15/19W	1000/1400/1800LM	27K/30K/35K/40K/50K	80+
MHSSD6-19/25/32W-5CCT-277	6" Square High Lumen Can-less	19/25/32W	1800/2400/3000LM	27K/30K/35K/40K/50K	80+

### Construction

- Durable aluminum housing with integrated heat sink for efficient thermal management and long-lasting performance
- Slim, canless design with remote junction box for flexible installation
- Lightweight and compact structure for easy handling on job sites

### Driver

- High-efficiency LED driver, compatible with 120–277V input
- Supports TRIAC and 0–10V dimming
- Smooth, flicker-free dimming performance
- Constant current design for stable output and extended lifespan

### Optics

- 5 selectable color temperatures (2700K–5000K)
- Field-selectable wattage for adjustable lumen output
- CRI 80+ for consistent color rendering
- Uniform light distribution with low glare design
- High-transmittance lens for enhanced efficiency and durability

### 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 for 4"/6"/8" (MRSDMP-468)
  - 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

### 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:

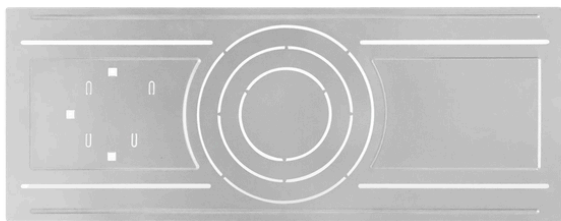
- R11-DSL06-1TW
- R00-RNL06-0TV
- R68-06674-P0T
- R02-D26HD-1RW

#### Legrand:

- RHCL453PNICCV4

### Accessories (SOLD SEPARATELY)

#### Mounting plate for 4"/6"/8" can-less downlight



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



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



#### 25W Emergency Driver



#### 3/10 Ft Extension Cord



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

	Item Number	Description
	MHSSD3-9/12W-5CCT-277	3" Square High Lumen Can-less Downlight
	MHSSD4-12/15/19W-5CCT-277	4" Square High Lumen Can-less Downlight
	MHSSD6-19/25/32W-5CCT-277	6" Square High Lumen Can-less Downlight

**Accessories (SOLD SEPARATELY)**

	Item Number	Description
	RBMP-2468-JB	Mounting Plate With Junction Box 2"/3"/4"/6"/8"
	MRSDMP-468	Mounting plate for 4"/6"/8" can-less downlight
	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