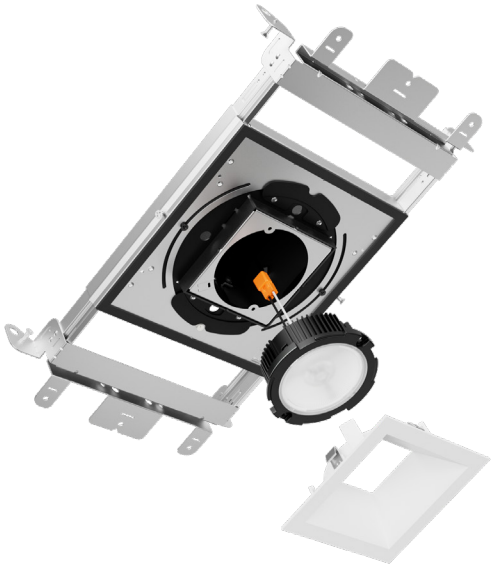


M Series Residential

Turtle Friendly Downlighting System

4" Square



| | |
|---------------|-------|
| Project: | Type: |
| Product Code: | Date: |

TF

- Turtle Friendly** Compliant with guidelines to minimize lighting's impact on sea turtles
- Quick Install** Integrated driver and plug-and-play connection require no wiring
- High Performance** Precise lighting control without sacrificing stellar efficiency
- Enhanced Dimming** Smooth, flicker-free dimming down to 1%

OPTICAL

Module

Fixed

Delivered Lumens (Power)

400 lm (12W)

Wavelength

> 560 nm

Color Temperature

Turtle Friendly

Beam Spread

- Narrow Spot (15°)
- General (90°+)
- Spot (25°)
- Linear
- Flood (40°)
- Soft Focus
- Wide Flood (60°)

PHYSICAL

Aperture

4"

Application

New Construction, Remodel

Shape

Square

Ceiling Thickness

1/2" up to 1 3/4" (New Construction)
5/8" up to 1 1/4" (Remodel)

TRIMS

Aperture

4"

Shape

Square

Style

Beveled, Round on Square, Pinhole, Wall Wash, Flangeless, Dead Front

Finish

White, Black, Bronze, Clear Diffused, Warm Diffused, Custom

ELECTRICAL & CONTROLS

Input Voltage

120 / 277V

1% Dimming

TRIAC/ELV, 0-10V

RATINGS

Housing

- IC (Insulation Contact) Rated
- ASTM E283 Certified Air Tight
- Code compliant for use in fire-rated assemblies up to a maximum of 2-hours
- STC/IIC Sound Rated
- Chicago Plenum

Module and Trim

- UL Listed for Wet Location



Declare.





PRODUCT BUILDER

M SERIES HOUSING

| PRODUCT CODE | | APPLICATION | | SHAPE | | RATING | |
|----------------------|------------|----------------------|----------------------------------|----------------------|--------|----------------------|------------|
| <input type="text"/> | | <input type="text"/> | | <input type="text"/> | | <input type="text"/> | |
| M4 | 4" Housing | NC | New Construction | S | Square | S | Standard |
| | | RM | Remodel | | | F | Fire Rated |
| | | CP | Chicago Plenum ¹ | | | | |
| | | LT | Low Profile TRIAC (3" Plenum) | | | | |
| | | LO | Low Profile 0-10V (3" Plenum) | | | | |

DRD MODULE

| PRODUCT CODE | | LUMENS | | CRI | | CCT | | BEAM SPREAD | | DIMMING | |
|----------------------|-------|----------------------|--------|----------------------|-----------|----------------------|-----------------|----------------------|------------------------|----------------------|-----------|
| <input type="text"/> | | <input type="text"/> | | <input type="text"/> | | <input type="text"/> | | <input type="text"/> | | <input type="text"/> | |
| DRD2M | Fixed | 04 | 400 lm | S | Specialty | TF | Turtle Friendly | GA | General Ambient (90°+) | T | TRIAC/ELV |
| | | | | | | | | NS | Narrow Spot (15°) | O | 0-10V |
| | | | | | | | | SP | Spot (25°) | | |
| | | | | | | | | FL | Flood (40°) | | |
| | | | | | | | | WF | Wide Flood (60°) | | |
| | | | | | | | | LS | Linear Spread | | |
| | | | | | | | | SF | Soft Focus | | |

M SERIES TRIM

| PRODUCT CODE | | SHAPE | | STYLE | | FINISH | | OPTION | |
|----------------------|---------|----------------------|--------|----------------------|----------------------|----------------------|-------------------------------|----------------------|---------------------------|
| <input type="text"/> | | <input type="text"/> | | <input type="text"/> | | <input type="text"/> | | <input type="text"/> | |
| M4T | 4" Trim | S | Square | S | Standard | WH | White | [Blank] | None |
| | | | | Q | Round on Square | BK | Black | FL | Flangeless ² |
| | | | | P | Pinhole ² | BZ | Bronze | DF | Dead Front ^{3,4} |
| | | | | W | Wall Wash | CW | Clear Diffused, White Flanged | | |
| | | | | | | WW | Warm Diffused, White Flanged | | |
| | | | | | | CC | Custom Color | | |

| | |
|----------------|---|
| M4XSMUD | Flangeless Mud Plate <i>(Required for flangeless drywall application)</i> |
|----------------|---|

¹ Only available in Standard rating

³ Only available in White or Custom Color finish

² Only available in White, Black, Bronze or Custom Color finish

⁴ Only available in Beveled style

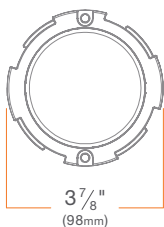
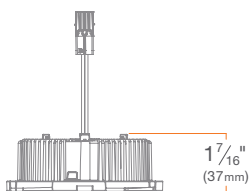


PRODUCT BUILDER

OPTICS ACCESSORIES

| | |
|----------------------|---|
| PRODUCT CODE | |
| <input type="text"/> | |
| DRD2X-GA | Fixed Conversion Kit: DRD2 Module to General Ambient (90°+) |
| DRD2X-NS | Fixed Narrow Spot (15°) |
| DRD2X-SP | Fixed Spot (25°) |
| DRD2X-FL | Fixed Flood (40°) |
| DRD2X-WF | Fixed Wide Flood (60°) |
| DRD2X-LS | Fixed Linear Spread (40° x 20°) |
| DRD2X-SF | Fixed Soft Focus |
| DRD2X-OP | Fixed Optics Kit: Narrow Spot (15°), Spot (25°), Flood (40°), Wide Flood (60°), Linear Spread (40° x 20°), Soft Focus |

MODULE



DRD2

Fixed Downlight

DRD2M

SUMMARY

LED CHIP: Cree® Red-Orange LED (no color filter)**DELIVERED MODULE LUMENS:** 400 lm (12W)**WAVELENGTH:** > 560 nm**BEAM SPREAD:** General Ambient (90°+), Narrow Spot (15°), Spot (25°), Flood (40°), Wide Flood (60°), Linear Spread (40° x 20°), Soft Focus**CONNECTOR:** PowerPlug® Luminaire Disconnect Model 182**INPUT VOLTAGE:** 120/277V, 50/60Hz**DIMMING:** Down to less than 1% for TRIAC/ELV at 120V, 0-10V or Lutron EcoSystem at 120/277V**MAX INPUT CURRENT (120V):** 0.090 amps, 0.107 amps**MAX INPUT CURRENT (277V):** 0.042 amps, 0.050 amps**POWER FACTOR:** Greater than 0.9**TOTAL HARMONIC DISTORTION:** Less than 20%**AMBIENT OPERATING TEMPERATURE:** -20°C to 40°C**PHOTOMETRIC TESTING:** Tested in accordance to IESNA LM-79-2008**LISTINGS:** UL Listed for Wet Location (flanged trims only), cULus Listed**LIFETIME:** 50,000 hours at 70% lumen maintenance**WARRANTY:** 5 year limited warranty

HOUSING



M Series

New Construction

SUMMARY

JUNCTION BOX: Equipped with 12 knockouts: four 1/2" trade size knockouts on side, two 3/4" and two 1/2" trade size knockouts on top and four romex knockouts on top. Approved for 8 (four in, four out) #12 AWG 70°C.

MOUNTING: Pre-installed mounting brackets allow vertical adjustment of bar hangers up to 1 1/4"

CEILING: 1/2" up to 1 3/4"

CUTOUT: 4" (102mm) square opening

LISTINGS: Metallic outlet box certified UL514A, code compliant for use in appropriate fire-rated assemblies for up to 2-hours (Fire Rated only), STC/IIC Sound Rated, ASTM E283 certified Air Tight, IC (Insulation Contact) rated

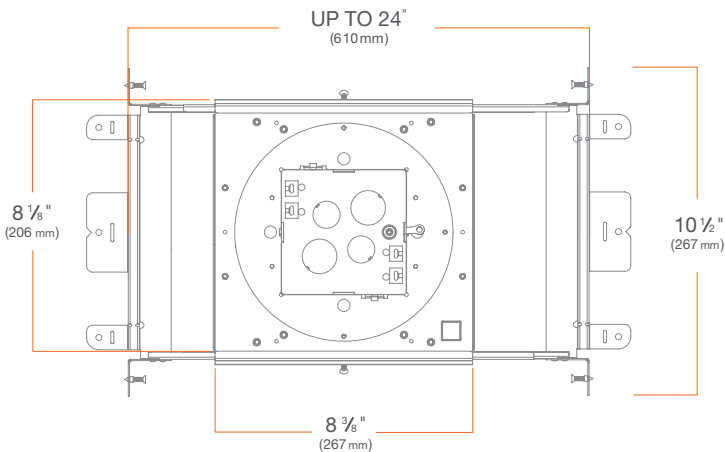
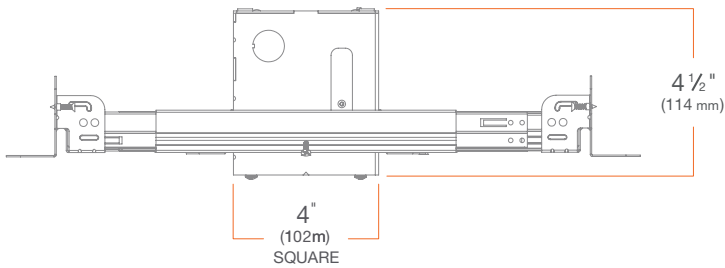
WARRANTY: 5 year limited warranty

ALTERNATE DIMMING OPTION

INPUT VOLTAGE: 120/277V, 50/60Hz, **MAX INPUT CURRENT (120V):** 0.090 amps, 0.107 amps, **MAX INPUT CURRENT (277V):** 0.042 amps, 0.050 amps, **POWER FACTOR:** Greater than 0.9, **TOTAL HARMONIC DISTORTION:** Less than 20%

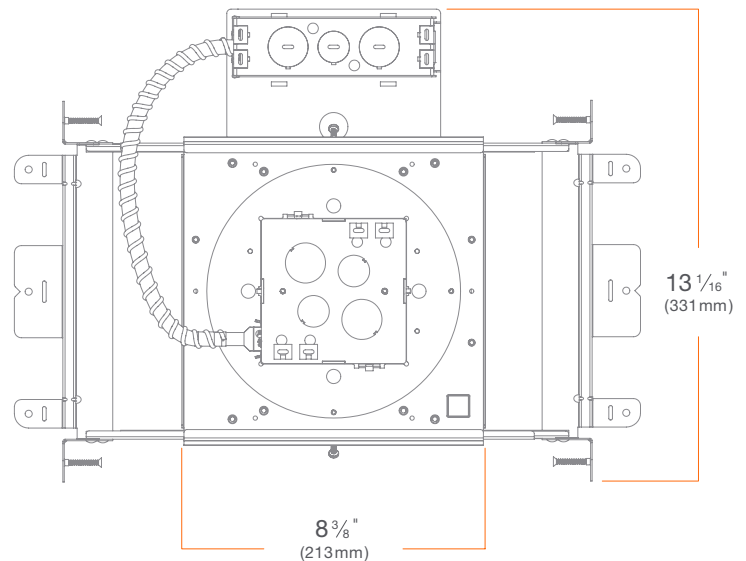
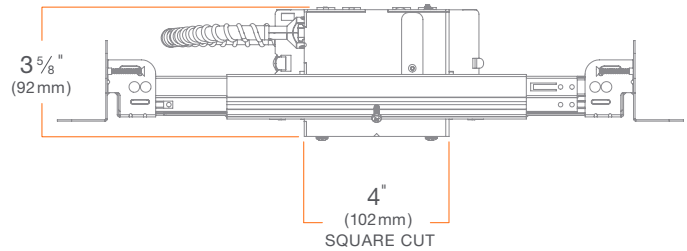
New Construction

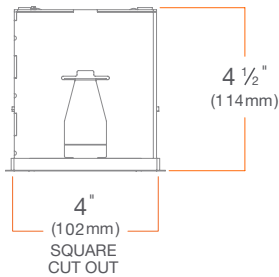
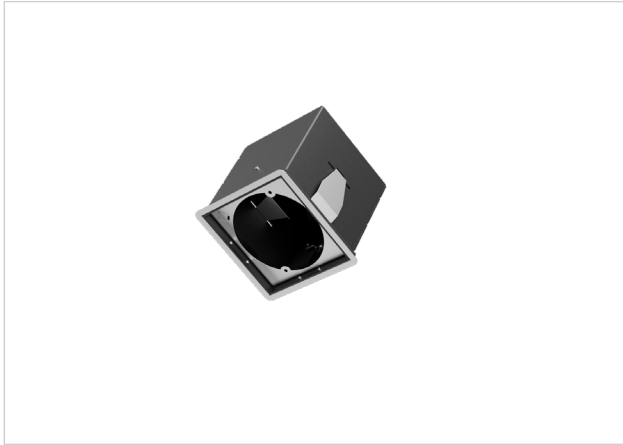
- M4NCSS (Standard)
- M4NCSE (Fire Rated)
- M4CPSS (Chicago Plenum)



Low-Profile

- M4LTSS (Standard, TRIAC/ELV)
- M4LTSE (Fire Rated, TRIAC/ELV)
- M4LOSS (Standard, 0-10V)
- M4LOSE (Fire Rated, 0-10V)



HOUSING**M Series**

Remodel

M4RMSS (Standard)**M4RMSF (Fire Rated)****SUMMARY**

JUNCTION BOX: Equipped with 8 knockouts: four 1/2" trade size knockouts on side, two 3/4" and two 1/2" trade size knockouts on top and four romex knockouts on top. Approved for 8 (four in, four out) #12 AWG 70°C.

MOUNTING: Pre-installed mounting spring clips

CEILING: 5/8" up to 1 1/4"

CUTOUT: 4" (102mm) square opening

LISTINGS: Metallic outlet box certified UL514A, code compliant for use in appropriate fire-rated assemblies for up to 2-hours (Fire Rated only), STC/IIC Sound Rated, ASTM E283 certified Air Tight, IC (Insulation Contact) rated

WARRANTY: 5 year limited warranty

TRIMS



M Series

4" Square Trims

M4TS

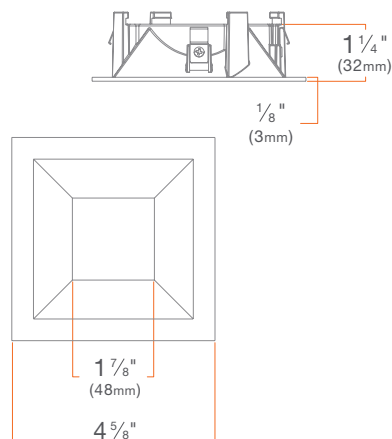
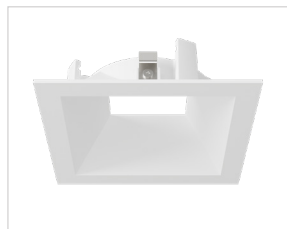
SUMMARY

CONSTRUCTION: Die-cast aluminum

INSTALLATION: Twist & Lock

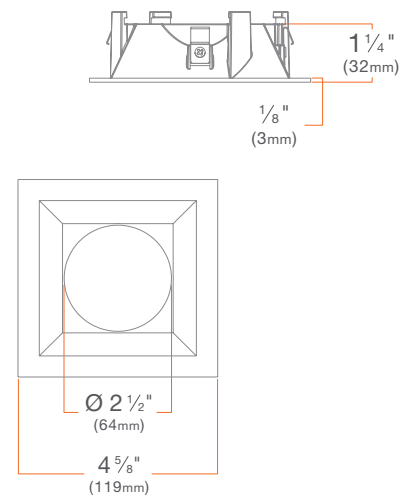
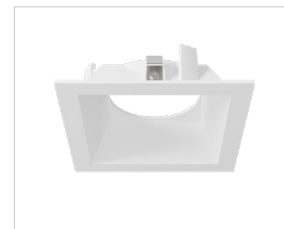
Standard Trim

M4TSSWH



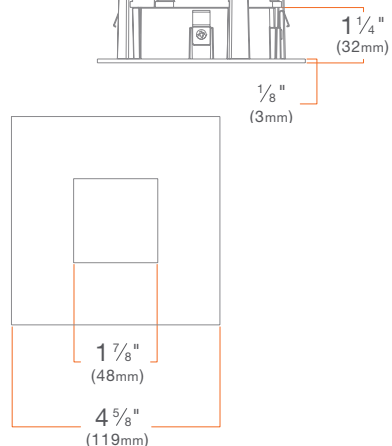
Round on Square Trim

M4TSQWH



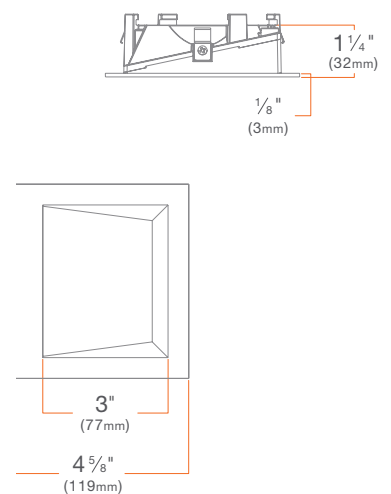
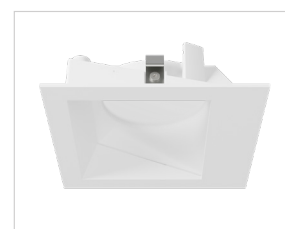
Pinhole Trim

M4TSPWH



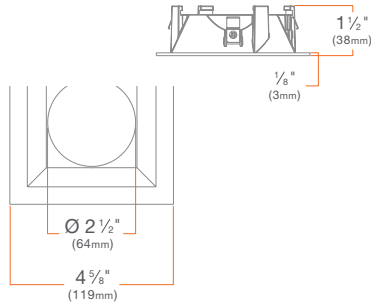
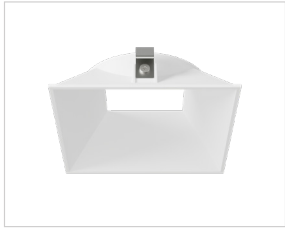
Wall Wash Trim

M4TSWWH



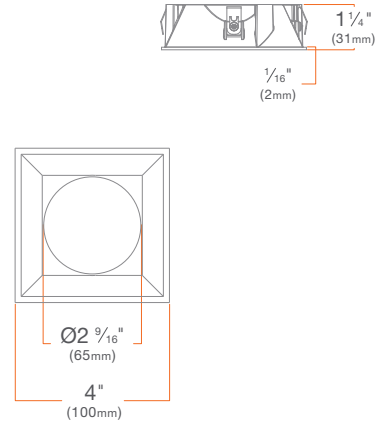
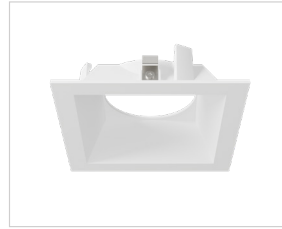
Beveled Flangeless Trim Insert

M4TSSWHFL



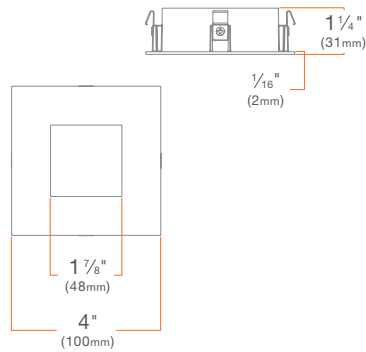
Round On Square Flangeless Trim Insert

M4TSQWHFL



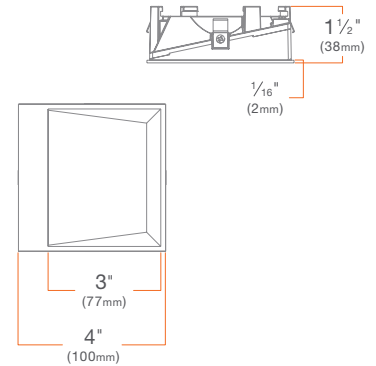
Pinhole Flangeless Trim Insert

M4TSPWHFL



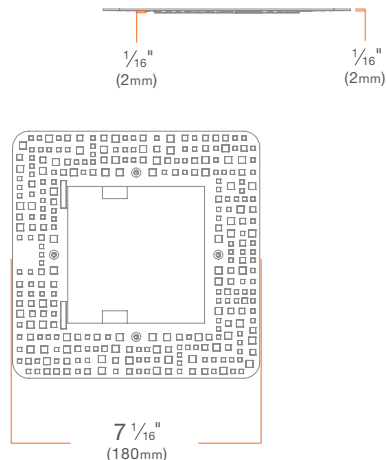
Wall Wash Flangeless Trim Insert

M4TSWWHFL



Flangeless Mud Plate

M4XSMUD



PHOTOMETRY

DRD2M04STFGAx

