M2 SERIES
2” LED RECESSED and
MULTIPLE LIGHTING SYSTEM
M2 Series of high quality miniature recessed LED downlights are ideal for remodel or new constructions in residential and light commercial applications. M2 luminaires require no housing, making installation easy. Simply cut the ceiling, wire the junction box and insert the luminaire in the ceiling cavity. The IC Air-Tight rated luminaires are available in round or square apertures in a variety of styles in matte powder white or black finish. A range of accessories allows customization to desired appearance. M2 luminaires deliver up to 850 lumens in 2700K, 3000K or 4000K at 90+ CRI. New construction rough-in plate available.
M2 DOWNLIGHT SERIES

No Housing Required!
M2 Recessed Downlights come as a complete unit with heat sink, quick connect and pre-wired junction box.

400-850 LUMENS

Up to 850lm LED Output
400lm, 600lm and 850lm LED packages

2700K 3000K 4000K

Dedicated Color Temperatures
2700K, 3000K or 4000K

Quick Connects
Allows for extended lengths

Customizable
Additional styles can be configured with optional accessory trims, reflector and baffle inserts. The trim face easily unscrews from the unit to accept the accessories. Accessories may be used in combination.

2" Round or Square Trims
Available in Matte Black or Matte Powder White. Reflector matches trim finish.
2" M2 DOWNLIGHT

M2 downlight series features quality and convenience with easy installation for insulated or non-insulated applications. Luminaires can be configured into multiple options with trim accessories and produces over 850 lumens.

**ELECTRICAL:**
- Voltage: 120V
- Lumens / Wattage: 400lm / 6W; 600lm / 8W; 850lm / 10W
- Color Temperature: 2700K, 3000K or 4000K (600lm only)
- Color Rendering Index: 90+ CRI
- Beam Spread: 36˚ Flood
- Dimming: Triac or ELV

**CONSTRUCTION:** Die-cast aluminum trims available in matte black or matte powder white finish. Open downlight includes a reflector with the same finish as trim. Optional field changeable reflector and baffle inserts and trim styles are available.

**AIR FLOW RESTRICTION:** Luminaire has factory installed gasket to restrict airflow from room into ceiling plenum to <2CFM (cubic feet per minute) in accordance with ASTM-283 Air-Tight requirements.

**CLEARANCE:** IC rated luminaires are rated for direct contact with insulation (not spray foam insulation), no minimum clearance is required.

**JUNCTION BOX:** Premired junction box includes quick connect to LED fixtures for ease of installation. Junction box includes two ½” knockouts and snap on cover with 7” quick connect wire. Luminaire includes 9” (400lm/600lm) or 4” (850lm) quick connect wire.

**MOUNTING:** No housing is required, two tensions steel spring clips secure luminaire to ceiling. Accommodates ceiling thickness up to ½”. New construction frame-in kit is available, see accessories.

**OPTIONAL TRIM ACCESSORIES:**
- NM2-2REFL Reflector Insert for NM2-2RDC
- NM2-2BAF Baffle Insert for NM2-2RDC
- NM2-2RPW Round Pinhole Trim for NM2-2RDC
- NM2-2RW Round Wall Wash Trim for NM2-2RDC
- NM2-2SDT Square Trim for NM2-2RDC

**Example:** NM2-2RDC40 + NM2-2REFLHZ + NM2-2SDTB = 2” M2 Round Open Downlight, 600lm / 8W, 3000K / 90 CRI, Matte Black finish + Haze Reflector Insert + Matte Black Square Trim

**2" M2 LED RECESSED OPEN DOWNLIGHT**

<table>
<thead>
<tr>
<th>SERIES</th>
<th>LUMENS / WATTAGE</th>
<th>CCT / CRI</th>
<th>FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>NM2-2RDC</td>
<td>400lm / 6W</td>
<td>27 / 90 CRI</td>
<td>BB Matte Black</td>
</tr>
<tr>
<td>NM2-2RDC</td>
<td>600lm / 8W</td>
<td>30 / 90 CRI</td>
<td>MPW Matte Powder White</td>
</tr>
<tr>
<td>NM2-2RDC</td>
<td>850lm / 10W</td>
<td>40 / 90 CRI</td>
<td>MPW Matte Powder White</td>
</tr>
<tr>
<td>NM2-2RDC</td>
<td>600lm / 8W</td>
<td>27 / 90 CRI</td>
<td>BB Matte Black</td>
</tr>
<tr>
<td>NM2-2RDC</td>
<td>600lm / 8W</td>
<td>30 / 90 CRI</td>
<td>MPW Matte Powder White</td>
</tr>
</tbody>
</table>

**OPTIONAL ACCESSORIES:**
- NM2-2RDC40 400lm
- NM2-2RDC60 600lm
- NM2-2RDC85 850lm

**LISTING & WARRANTY:**
- cETLus Listed for Wet Locations
- ENERGY STAR certified
- 5 Year Limited Warranty
- FCC compliant
- Certified to the high efficacy requirements of California Title 24 JA8-2022
2" M2 TRIMLESS DOWNLIGHT

M2 downlight series features quality and convenience with easy installation for insulated or non-insulated applications. Trimless downlights have no exposed trim flange and require a mud plate for each luminaire.

**ELECTRICAL:**
- Voltage: 120V
- Lumens / Wattage: 750lm / 8W or 900lm / 10W
- Color Temperature: 2700K, 3000K or 4000K
- Color Rendering Index: 90+ CRI
- Beam Spread: 45° Flood
- Dimming: Triac or ELV

**CONSTRUCTION:** Die-cast aluminum trims available in matte black or matte powder white finish. Each installation requires a mud plate, ordered separately (NM2-TLMR-R)

**AIR FLOW RESTRICTION:** Luminaire has factory installed gasket to restrict airflow from room into ceiling plenum to <2CFM (cubic feet per minute) in accordance with ASTM-283 Air-Tight requirements.

**CLEARANCE:** IC rated luminaires are rated for direct contact with insulation (not spray foam insulation), no minimum clearance is required.

**JUNCTION BOX:** Prewired junction box includes quick connect to LED fixtures for ease of installation. Junction box includes two 1/2" knockouts and snap on cover with 18" quick connect wire. Luminaire includes 6" quick connect wire.

**MOUNTING:** No housing is required, patent pending mud plate secures luminaire to ceiling. New construction frame-in kit is available, see accessories.

**OPTIMAL ACCESSORIES:**
- NM2-TLMR-R Trimless Mud Plate
- NF-R246 Universal New Construction Frame-In
- NFC-R275 New Construction Frame-In with Collar
- NM2-2R-F New Construction Frame-In Plate
- NMA-EW-4 4' Quick Connect Linkable Extension Cable
- NMA-EW-10 10' Quick Connect Linkable Extension Cable

**LISTING & WARRANTY:**
- cETLus Listed for Damp Locations
- ENERGY STAR certified
- 5 Year Limited Warranty
- FCC compliant
- Certified to the high efficacy requirements of California Title 24, JAB-2022

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2" M2 LED RECESSED TRIMLESS DOWNLIGHT

<table>
<thead>
<tr>
<th>SERIES</th>
<th>LUMENS / WATTAGE</th>
<th>CCT / CRI</th>
<th>FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>NM2-2RTLDCE</td>
<td>750lm / 8W</td>
<td>2700K / 90 CRI</td>
<td>BB Matte Black</td>
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<tr>
<td>NM2-2RTLDCD</td>
<td>900lm / 10W</td>
<td>3000K / 90 CRI</td>
<td>MPW Matte Powder White</td>
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<td>NM2-2RTLDCF</td>
<td>900lm / 10W</td>
<td>4000K / 90 CRI</td>
<td>BB Matte Black</td>
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</tbody>
</table>

**TRIMLESS MUD PLATE (REQUIRED)**
- NM2-TLMR-R Trimless Mud Plate

Example: NM2-2RTLC8530MPW + NM2-TLMR-R = 2" M2 Round Trimless Downlight, 900lm / 10W, 3000K / 90 CRI, Matte Powder White finish

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Patent Pending
2" M2 SQUARE DOWNLIGHT

M2 downlight series features quality and convenience with easy installation for insulated or non-insulated applications. Square Downlight features a square aperture for a clean and modern appearance.

**ELECTRICAL:**
- Voltage: 120V
- Lumens / Wattage: 600lm / 8W; 850lm / 10W
- Color Temperature: 2700K or 3000K
- Color Rendering Index: 90+ CRI
- Beam Spread: 36˚ Flood
- Dimming: Triac or ELV

**CONSTRUCTION:** Die-cast aluminum trims available in matte black or matte powder white finish. Downlight reflector matches trim finish.

**AIR FLOW RESTRICTION:** Luminaire has factory installed gasket to restrict airflow from room into ceiling plenum to <2CFM (cubic feet per minute) in accordance with ASTM-283 Air-Tight requirements.

**CLEARANCE:** IC rated luminaires are rated for direct contact with insulation (not spray foam insulation), no minimum clearance is required.

**JUNCTION BOX:** Prewired junction box includes quick connect to LED fixtures for ease of installation. Junction box includes two 7/8" knockouts and snap on cover with 7" quick connect wire. Luminaire includes 5" (600lm) or 4" (850lm) quick connect wire.

**MOUNTING:** No housing is required, two tensions steel spring clips secure luminaire to ceiling. Accommodates ceiling thickness up to ¾”. New construction frame-in kit is available, see accessories.

**OPTIONAL ACCESSORIES:**
- NF-R246 Universal New Construction Frame-In
- NFC-R275 New Construction Frame-In with Collar
- NM2-2R-F New Construction Frame-In Plate
- NM2-EW-4 4’ Quick Connect Linkable Extension Cable
- NM2-EW-10 10’ Quick Connect Linkable Extension Cable

**LISTING & WARRANTY:**
- cETLus Listed for Wet Locations
- ENERGY STAR certified
- 5 Year Limited Warranty
- FCC compliant
- Certified to the high efficacy requirements of California Title 24, JA8-2022

**NM2-2SDC60** 600lm

**NM2-2SDC85** 850lm

Example: NM2-2SDC85BMPW - 2” M2 Square Downlight, 850lm / 10W, 2700K / 90 CRI, Matte Powder White finish
2" M2 SQUARE BAFFLE

M2 downlight series features quality and convenience with easy installation for insulated or non-insulated applications. Square Baffle features a square aperture for a clean and modern appearance.

ELECTRICAL:
Voltage: 120V
Lumens / Wattage: 600lm / 8W or 850lm / 10W
Color Temperature: 2700K or 3000K
Color Rendering Index: 90+ CRI
Beam Spread: 36˚ Flood
Dimming: Triac or ELV

CONSTRUCTION:
Die-cast aluminum trims available in matte black or matte powder white finish. Baffle matches trim finish.

AIR FLOW RESTRICTION: Luminaire has factory installed gasket to restrict airflow from room into ceiling plenum to <2CFM (cubic feet per minute) in accordance with ASTM-283 Air-Tight requirements.

CLEARANCE: IC rated luminaires are rated for direct contact with insulation (not spray foam insulation). No minimum clearance is required.

JUNCTION BOX: Prewired junction box includes quick connect to LED fixtures for ease of installation. Junction box includes two 7/8" knockouts and snap on cover with 7" quick connect wire. Luminaire includes 5" (600lm) or 4" (850lm) quick connect wire.

MOUNTING: No housing is required, two tension steel spring clips secure luminaire to ceiling. Accommodates ceiling thickness up to 1/4". New construction frame-in kit is available, see accessories.

OPTIONAL ACCESSORIES:
NF-R246 Universal New Construction Frame-In
NFC-R275 New Construction Frame-In with Collar
NM2-2R-F New Construction Frame-In Plate
NM2-EW4-4 4' Quick Connect Linkable Extension Cable
NM2-EW10-10 10' Quick Connect Linkable Extension Cable

LISTING & WARRANTY:
- cETLus Listed for Wet Locations
- ENERGY STAR certified
- 5 Year Limited Warranty
- FCC compliant
- Certified to the high efficacy requirements of California Title 24: JA8-2022
2" M2 LED RECESSED GIMBAL

M2 downlight series features quality and convenience with easy installation for insulated or non-insulated applications. Luminaires can be configured into square trim with an accessory and produces over 600 lumens.

**ELECTRICAL:**
- Voltage: 120V
- Lumens / Wattage: 400lm / 6W or 600lm / 8W
- Color Temperature: 2700K, 3000K or 4000K (600lm only)
- Color Rendering Index: 90+ CRI
- Beam Spread: 40˚ Flood
- Dimming: Triac or ELV

**CONSTRUCTION:** Die-cast aluminum trims available in matte black or matte powder white finish. Gimbal trim is adjustable up to 15°. Optional field changeable square trim is available.

**AIR FLOW RESTRICTION:** Luminaire has factory installed gasket to restrict airflow from room into ceiling plenum to <25 FM [cubic feet per minute] in accordance with ASTM-283 Air-Tight requirements.

**CLEARANCE:** IC rated luminaires are rated for direct contact with insulation (not spray foam insulation). No minimum clearance is required.

**JUNCTION BOX:** Pre-wired junction box includes quick connect to LED fixtures for ease of installation. Junction box includes two ⅜ knockouts and snap on cover with 7” quick connect wire. Luminaire includes 5” quick connect wire.

**MOUNTING:** No housing is required, two tensions steel spring clips secure luminaire to ceiling. Accommodates ceiling thickness up to ¼”. New construction frame-in kit is available, see accessories.

**OPTIONAL ACCESSORIES:**
- NM2-2SGT Square Trim Accessory

**LISTING & WARRANTY:**
- cETLus Listed for Damp Locations
- ENERGY STAR certified
- 5 Year Limited Warranty
- FCC compliant
- Certified to the high efficacy requirements of California Title 24, JA8-2022

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**2" M2 LED RECESSED GIMBAL**

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<tr>
<th>SERIES</th>
<th>LUMENS / WATTAGE</th>
<th>CCT / CRI</th>
<th>FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>NM2-2RG</td>
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<td>2700K / 90 CRI</td>
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<tr>
<td></td>
<td>600lm / 8W</td>
<td>3000K / 90 CRI</td>
<td>Matte Powder White</td>
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**OPTIONAL TRIM ACCESSORIES**

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<tr>
<th>SERIES</th>
<th>DESCRIPTION</th>
<th>FINISH</th>
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<tbody>
<tr>
<td>NM2-2SGT</td>
<td>Square Trim Accessory</td>
<td>Matte Black</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Matte Powder White</td>
</tr>
</tbody>
</table>

Example: NM2-2RG4027MPW - 2" M2 Round Recessed Gimbal, 400lm / 6W, 2700K / 90 CRI, Matte Powder White finish
## 2" M2 LED RECESSED ELBOW

**2" M2 LED RECESSED ELBOW**

<table>
<thead>
<tr>
<th>SERIES</th>
<th>LUMENS / WATTAGE</th>
<th>CCT / CRI</th>
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<tbody>
<tr>
<td>NM2-2R270</td>
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<td>2700K / 90 CRI</td>
<td>B Matte Black</td>
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<tr>
<td></td>
<td></td>
<td>3000K / 90 CRI</td>
<td>MPW Matte Powder White</td>
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</table>

**OPTIONAL TRIM ACCESSORIES**

<table>
<thead>
<tr>
<th>NM2-2SET</th>
<th>Square Trim for NM2-2R270</th>
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</thead>
<tbody>
<tr>
<td>B</td>
<td>Matte Black</td>
</tr>
<tr>
<td>MPW</td>
<td>Matte Powder White</td>
</tr>
</tbody>
</table>

Example: NM2-2R2705027BB - 2" M2 Round Elbow, 500lm / 6W, 2700K / 90 CRI, Matte Black finish

### FIELD CHANGEABLE OPTICS:
Each luminaire includes a spot (installed) and narrow flood optic. Optics can be easily replaced in the field.

### AIR FLOW RESTRICTION:
Luminaire has factory installed gasket to restrict airflow from room into ceiling plenum to <2CFM (cubic feet per minute) in accordance with ASTM-283 Air-Tight requirements.

### CLEARANCE:
IC rated luminaires are rated for direct contact with insulation (not spray foam insulation), no minimum clearance is required.

### JUNCTION BOX:
Prewired junction box includes quick connect to LED fixtures for ease of installation. Junction box includes two ¼” knockouts and snap on cover with 7” quick connect wire. Luminaire includes 6” quick connect wire.

### MOUNTING:
No housing is required, two tensions steel spring clips secure luminaire to ceiling. Accommodates ceiling thickness up to ¾”. New construction frame-in kit is available, see accessories.

### OPTIONAL ACCESSORIES:
- NM2-2SET Square Trim for NM2-2R270
- NM-F246 Universal New Construction Frame-In
- NF-C275 Universal New Construction Frame-In with Collar
- NM2-2R-F New Construction Frame-In Plate
- NM2-ML1 Multiple Lighting System One-Head Plate
- NM2-ML2 Multiple Lighting System Two-Head Plate
- NM2-ML3 Multiple Lighting System Three-Head Plate
- NM2-EW-4 4’ Quick Connect Linkable Extension Cable
- NM2-EW-10 10’ Quick Connect Linkable Extension Cable

### LISTING & WARRANTY:
- cETLus Listed for Damp Locations
- ENERGY STAR certified
- 5 Year Limited Warranty
- FCC compliant
- Certified to the high efficacy requirements of California Title 24 JA8-2022
2” M2 LED LENSED DOWNLIGHT

NM2-2RDCS40 400lm | NM2-2RDCS60 600lm | NM2-2RDCS85 850lm

- **LUMENS / WATTAGE**: 400lm / 6W; 600lm / 8W; 850lm / 10W
- **CCT / CRI**: 2700K / 90 CRI; 3000K / 90 CRI; 4000K / 90 CRI
- **FINISH**: BB Matte Black; MPW Matte Powder White

Example: NM2-2RDCS8527BB - 2” M2 Round LED Lensed Downlight, 850lm / 10W, 2700K / 90 CRI, Matte Black finish

**ELECTRICAL:**
- **Voltage**: 120V
- **Lumens / Wattage**: 400lm / 6W; 600lm / 8W; 850lm / 10W
- **Color Temperature**: 2700K, 3000K or 4000K (600lm only)
- **Color Rendering Index**: 90+ CRI
- **Beam Spread**: 36˚ Flood
- **Dimming**: Triac or ELV

**CONSTRUCTION:** Die-cast aluminum trims available in matte black or matte powder white finish. Lensed downlight includes a reflector with the same finish as trim.

**AIR FLOW RESTRICTION:** Luminaire has factory installed gasket to restrict airflow from room into ceiling plenum to <2CFM (cubic feet per minute) in accordance with ASTM-283 Air-Tight requirements.

**CLEARANCE:** IC rated luminaires are rated for direct contact with insulation (not spray foam insulation), no minimum clearance is required.

**JUNCTION BOX:** Prewired junction box includes quick connect to LED fixtures for ease of installation. Junction box includes two ½” knockouts and snap on cover with 7” quick connect wire. Luminaire includes 5’(400lm/600lm) or 4’ (850lm) quick connect wire.

**MOUNTING:** No housing is required, two tension steel spring clips secure luminaire to ceiling. Accommodates ceiling thickness up to 1/4”. New construction frame-in kit is available, see accessories.

**OPTIONAL MOUNTING ACCESSORIES:**
- NF-R246 Universal New Construction Frame-In
- NFC-R275 New Construction Frame-In with Collar
- NM2-2R-F New Construction Frame-In Plate
- NM2-MLS1 Multiple Lighting System One-Head Plate
- NM2-MLS2 Multiple Lighting System Two-Head Plate
- NM2-MLS3 Multiple Lighting System Three-Head Plate
- NM2-EW-4 4’ Quick Connect Linkable Extension Cable
- NM2-EW-10 10’ Quick Connect Linkable Extension Cable

**LISTING & WARRANTY:**
- cETLus Listed for Wet Locations
- ENERGY STAR certified
- 5 Year Limited Warranty
- FCC compliant
- Certified to the high efficacy requirements of California Title 24, 2022

M2 downlight series features quality and convenience with easy installation for insulated or non-insulated applications. Lensed trim and gasket allow luminaires to be installed in wet location.
M2 Series Accessories

Optional Trims and Inserts Require a Compatible M2 Downlight

Field changeable trims and inserts may be used individually or in conjunction.

Square Trim Accessory
NM2-2SDT for Round Downlight (NM2-2RDC)
NM2-2SGT for Recessed Gimbal (NM2-2RGI)
NM2-2SET for Elbow (NM2-2R270)
Matte Black or Matte Powder White finish. Trim accessory is for use with designated luminaire only.

Round Pinhole Trim Accessory
NM2-2RPH for Round Downlight (NM2-2RDC)
Matte Black or Matte Powder White finish. Trim accessory is for use with designated luminaire only.

Round Wall Wash Trim Accessory
NM2-2RW for Round Downlight (NM2-2RDC)
Matte Black or Matte Powder White finish. Trim accessory is for use with designated luminaire only.

Multiple Lighting System Plates
NM2-MLSI MLS One Head Plate for NM2-2R
NM2-MLS2 MLS Two Head Plate for NM2-2R
NM2-MLS3 MLS Three Head Plate for NM2-2R
Matte Black or Matte Powder White finish. Multiple accessory is for use with round M2 LED luminaires.

New Construction Frame-In
NF-R246
Use for new construction pre-wiring and easier layout planning.
Dimensions: 12” x 7-3/4”

New Construction Frame-In with Collar
NFC-R275
Use for new construction pre-wiring and easier layout planning.
Dimensions: 4.33” x 4.33”

New Construction Frame-In Plate
NM2-2R-F
Use for new construction pre-wiring and easier layout planning.
Dimensions: 13-1/4” x 8-1/5”

Quick Connect Linkable Extension Cables
NM2-EW-4 4’ Cable
NM2-EW-10 10’ Cable
NM2-EW-10 10’ Cable for NM2-2RTLDC only
Use to extend the length between luminaire and driver enclosure. Cables may be connected together to create custom lengths. Maximum length between luminaire and driver is 40’.

Reflectors & Baffle Insert
NM2-2REFLB Black Reflector for NM2-2RDC only
NM2-2REFLHZ Haze Reflector for NM2-2RDC only
NM2-2BAFB Black Baffle for NM2-2RDC only
NM2-2BAFHPW MPW Baffle for NM2-2RDC only
Replaces reflector included with downlight.

Multiple Lighting System Plates
NM2-MLS1 MLS One Head Plate for NM2-2R
NM2-MLS2 MLS Two Head Plate for NM2-2R
NM2-MLS3 MLS Three Head Plate for NM2-2R
Matte Black or Matte Powder White finish. Multiple accessory is for use with round M2 LED luminaires.

Trimless Mud Plate
NM2-TLMR-R for NM2-2RTLDC only
Required for each trimless luminaire

M2 luminaires can be installed in new construction or remodel applications. Optional mounting accessories are available to allow for drivers to be installed further away and frame-in plate for new construction applications.
M2 MODULAR MLS

- Tension Steel Springs: Allow system to be installed in new construction or remodel applications.
- Dedicated LED Drivers: Allows each luminaire to be individually addressed.
- Quick Connect: Allows each luminaire to be individually addressed.
- No Housing Required: Recessed and IC Rated. One, Two or Three Head.
- 400 or 600 lumens per head: Downlight, Adjustable or Elbow.
- Field Changeable Insert: Open downlight accepts baffle or reflector inserts.
- Field Changeable Trim: Matte Powder White and Matte Black finish.

Options:
- 2700K, 3000K, 4000K
M2 MULTIPLE LIGHTING SYSTEM

NM2-MLS1 + NM2-2RDC
NM2-MLS2 + (2) NM2-2RG
NM2-MLS3BB + (3) NM2-2R270

Cut out: 5-3/4” x 5-3/4” 10-1/8” x 5-3/4” 14-3/4” x 5-3/4”
Width: 6-1/4” 6-1/4” 6-1/4”
Length: 6-1/4” 11-1/2” 15-1/2”

M2 MULTIPLE LIGHTING SYSTEM PLATE

<table>
<thead>
<tr>
<th>SERIES</th>
<th>NUMBER OF HEAD(S)</th>
<th>FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>NM2-MLS</td>
<td>M2 Multiple Plate</td>
<td>BB Matte Black</td>
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<tr>
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<td>1 Head</td>
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<tr>
<td></td>
<td>2 Heads</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3 Heads</td>
<td></td>
</tr>
</tbody>
</table>

Example: NM2-MLS2BB - M2 Multiple Lighting System Two Head Plate, Matte Black finish

M2 modular LED Multiple Lighting System (MLS) allows multiple LED luminaires to be installed in one recessed trim without a large housing. M2 Multiple plates are IC rated and accept one, two or three round M2 LED luminaires up to 600 lumens per head.

ELECTRICAL:
Voltage: 120V
Lumens / Wattage Per Head: 400lm / 6W, 500lm / 6W or 600lm / 8W
Color Temperature: 2700K, 3000K or 4000K (600lm only)
Color Rendering Index: 90+ CRI
Dimming: Triac or ELV

CONSTRUCTION: Die-cast aluminum trims available in matte black or matte powder white finish. Multiple lighting system plates accept round M2 LED luminaires.

CLEARANCE: IC rated luminaires are rated for direct contact with insulation (not spray foam insulation), no minimum clearance is required.

JUNCTION BOX: M2 LED luminaires include prewired junction box includes quick connects to LED fixtures for ease of installation. Junction box includes two 1/4” knockouts and snap on cover with 7” quick connect wire. Luminaire includes 6” quick connect wire.

MOUNTING: No housing is required, four tension steel spring clips secure luminaire to ceiling. Accommodates ceiling thickness up to 1/4”.

COMPATIBLE M2 LED LUMINAIRES:
NM2-2RDC Round LED Open Downlight
NM2-2RDCS Round LED Lensed Downlight
NM2-2RG Round LED Adjustable Gimbal
NM2-2R270 Round LED Adjustable Elbow

LISTING & WARRANTY:
- NM2-2R is cETLus Listed for Damp Locations
- NM2-MLS is suitable for Damp Locations
- NM2-2R is ENERGY STAR certified
- 5 Year Limited Warranty
- FCC compliant
- NM2-2R is certified to the high efficacy requirements of California Title 24 JAB-2022
M2 MLS LED LUMINAIRES

2" M2 ROUND LED LUMINAIRES

<table>
<thead>
<tr>
<th>SERIES</th>
<th>LUMENS / WATTAGE</th>
<th>CCT / CRI</th>
<th>FINISH</th>
</tr>
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<tbody>
<tr>
<td>NM2-2RDC</td>
<td>400lm / 6W</td>
<td>2700K / 90 CRI</td>
<td>BB Matte Black</td>
</tr>
<tr>
<td>NM2-2RDCS</td>
<td>500lm / 6W</td>
<td>2700K / 90 CRI</td>
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<tr>
<td>NM2-2RG</td>
<td>600lm / 8W</td>
<td>3000K / 90 CRI</td>
<td>MPW Matte Powder White</td>
</tr>
<tr>
<td>NM2-2R270</td>
<td>500lm / 6W</td>
<td>2700K / 90 CRI</td>
<td>BB Matte Black</td>
</tr>
</tbody>
</table>

Example: NM2-2RDC6027BB - 2" M2 Round LED Open Downlight, 600lm / 10W, 2700K / 90 CRI, Matte Black finish

Round M2 LED luminaires are compatible with M2 Multiple Lighting System plates and allow each luminaire to be individually addressed.

ELECTRICAL:
Voltage: 120V
Lumens / Wattage: 400lm / 6W; 500lm / 6W; 600lm /8W
Color Temperature: 2700K, 3000K or 4000K
Color Rendering Index: 90+ CRI
Dimming: Triac or ELV

CONSTRUCTION: Die-cast aluminum trims available in matte black or matte powder white finish. Downlight includes a reflector with the same finish as trim. Adjustable elbow rotates 345° horizontally and extends up to 70°. Optional field changeable square trim is available. Adjustable gimbal is adjustable up to 15°.

AIR FLOW RESTRICTION: Luminaire has factory installed gasket to restrict airflow from room into ceiling plenum to <2CFM (cubic feet per minute) in accordance with ASTM-283 Air-Tight requirements.

CLEARANCE: IC rated luminaires are rated for direct contact with insulation (not spray foam insulation), no minimum clearance is required.

JUNCTION BOX: Prewired junction box includes quick connect to LED fixtures for ease of installation. Junction box includes two ¾” knockouts and snap on cover with 7” quick connect wire. Luminaire includes 5” quick connect wire.

MOUNTING: No housing is required, two tension steel spring clips secure luminaire to ceiling.

OPTIONAL MOUNTING ACCESSORIES:
NM2-EW-4  4’ Quick Connect Linkable Extension Cable
NM2-EW-10 10’ Quick Connect Linkable Extension Cable

LISTING & WARRANTY:
- cETLus Listed for Damp Locations
- ENERGY STAR certified
- 5 Year Limited Warranty
- FCC compliant
- Certified to the high efficacy requirements of California Title 24, JA8-2022
M2 SERIES

PHOTOMETRICS

ROUND DOWNLIGHT: 600LM / 3000K / 36˚ FLOOD

Item Number: NM2-2RDC6030MPW
Lumens: 641lm  Wattage: 8.1W  Efficacy: 79lpw

Zonal Lumen Summary

<table>
<thead>
<tr>
<th>Zone</th>
<th>Lumens</th>
<th>% Luminaire</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-30</td>
<td>547</td>
<td>85.4</td>
</tr>
<tr>
<td>0-40</td>
<td>597</td>
<td>93.2</td>
</tr>
<tr>
<td>0-60</td>
<td>626</td>
<td>97.8</td>
</tr>
<tr>
<td>0-90</td>
<td>639</td>
<td>99.8</td>
</tr>
</tbody>
</table>

Illuminance at a Distance

<table>
<thead>
<tr>
<th>Distance from Luminaire</th>
<th>FC at Nadir</th>
<th>Beam Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>2'</td>
<td>375fc</td>
<td>1'-4&quot;</td>
</tr>
<tr>
<td>4'</td>
<td>93.7fc</td>
<td>2'-7&quot;</td>
</tr>
<tr>
<td>6'</td>
<td>41.7fc</td>
<td>3'-11&quot;</td>
</tr>
<tr>
<td>8'</td>
<td>23.4fc</td>
<td>5'-2&quot;</td>
</tr>
<tr>
<td>10'</td>
<td>15fc</td>
<td>6'-6&quot;</td>
</tr>
</tbody>
</table>

Candela Table

<table>
<thead>
<tr>
<th>Vertical Angles</th>
<th>Candela</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1500</td>
</tr>
<tr>
<td>15</td>
<td>934</td>
</tr>
<tr>
<td>25</td>
<td>293</td>
</tr>
<tr>
<td>35</td>
<td>42</td>
</tr>
<tr>
<td>45</td>
<td>22</td>
</tr>
</tbody>
</table>

Polar Curve

ROUND DOWNLIGHT: 850LM / 3000K / 38˚ FLOOD

Item Number: NM2-2RDC8530MPW
Lumens: 882lm  Wattage: 10.18W  Efficacy: 87lpw

Zonal Lumen Summary

<table>
<thead>
<tr>
<th>Zone</th>
<th>Lumens</th>
<th>% Luminaire</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-30</td>
<td>757</td>
<td>85.9</td>
</tr>
<tr>
<td>0-40</td>
<td>824</td>
<td>93.4</td>
</tr>
<tr>
<td>0-60</td>
<td>864</td>
<td>98</td>
</tr>
<tr>
<td>0-90</td>
<td>880</td>
<td>99.8</td>
</tr>
</tbody>
</table>

Illuminance at a Distance

<table>
<thead>
<tr>
<th>Distance from Luminaire</th>
<th>FC at Nadir</th>
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</thead>
<tbody>
<tr>
<td>2'</td>
<td>476fc</td>
<td>1'-5&quot;</td>
</tr>
<tr>
<td>4'</td>
<td>119fc</td>
<td>2'-8&quot;</td>
</tr>
<tr>
<td>6'</td>
<td>52.8fc</td>
<td>4'-1&quot;</td>
</tr>
<tr>
<td>8'</td>
<td>29.7fc</td>
<td>5'-6&quot;</td>
</tr>
<tr>
<td>10'</td>
<td>19fc</td>
<td>6'-11&quot;</td>
</tr>
</tbody>
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<tbody>
<tr>
<td>0</td>
<td>1904</td>
</tr>
<tr>
<td>15</td>
<td>1246</td>
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<tr>
<td>25</td>
<td>540</td>
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<tr>
<td>35</td>
<td>88</td>
</tr>
<tr>
<td>45</td>
<td>27</td>
</tr>
</tbody>
</table>

Polar Curve

SQUARE DOWNLIGHT: 600LM / 3000K / 36˚ FLOOD

Item Number: NM2-2SDC6030MPW
Lumens: 629lm  Wattage: 8.08W  Efficacy: 78lpw

Zonal Lumen Summary

<table>
<thead>
<tr>
<th>Zone</th>
<th>Lumens</th>
<th>% Luminaire</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-30</td>
<td>537</td>
<td>85.1</td>
</tr>
<tr>
<td>0-40</td>
<td>597</td>
<td>92</td>
</tr>
<tr>
<td>0-60</td>
<td>626</td>
<td>98.1</td>
</tr>
<tr>
<td>0-90</td>
<td>639</td>
<td>99.5</td>
</tr>
</tbody>
</table>

Illuminance at a Distance

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<tr>
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<td>2'-7&quot;</td>
</tr>
<tr>
<td>6'</td>
<td>41.7fc</td>
<td>3'-11&quot;</td>
</tr>
<tr>
<td>8'</td>
<td>23.4fc</td>
<td>5'-2&quot;</td>
</tr>
<tr>
<td>10'</td>
<td>15fc</td>
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<td>42</td>
</tr>
<tr>
<td>45</td>
<td>22</td>
</tr>
</tbody>
</table>

Polar Curve

SQUARE DOWNLIGHT: 850LM / 3000K / 36˚ FLOOD

Item Number: NM2-2SDC8530MPW
Lumens: 869lm  Wattage: 10.18W  Efficacy: 85lpw

Zonal Lumen Summary

<table>
<thead>
<tr>
<th>Zone</th>
<th>Lumens</th>
<th>% Luminaire</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-30</td>
<td>748</td>
<td>86.1</td>
</tr>
<tr>
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<td>799</td>
<td>92</td>
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<td>0-60</td>
<td>844</td>
<td>97.2</td>
</tr>
<tr>
<td>0-90</td>
<td>867</td>
<td>99.8</td>
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</tbody>
</table>

Illuminance at a Distance

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<tr>
<th>Distance from Luminaire</th>
<th>FC at Nadir</th>
<th>Beam Diameter</th>
</tr>
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<tbody>
<tr>
<td>2'</td>
<td>518fc</td>
<td>1'-4&quot;</td>
</tr>
<tr>
<td>4'</td>
<td>130fc</td>
<td>2'-7&quot;</td>
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<tr>
<td>6'</td>
<td>57.6fc</td>
<td>3'-11&quot;</td>
</tr>
<tr>
<td>8'</td>
<td>32.4fc</td>
<td>5'-2&quot;</td>
</tr>
<tr>
<td>10'</td>
<td>20.7fc</td>
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</table>

Candela Table

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<thead>
<tr>
<th>Vertical Angles</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>2072</td>
</tr>
<tr>
<td>15</td>
<td>1286</td>
</tr>
<tr>
<td>25</td>
<td>429</td>
</tr>
<tr>
<td>35</td>
<td>56</td>
</tr>
<tr>
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<td>29</td>
</tr>
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