

PROJECT: \_\_\_\_\_  
 TYPE: \_\_\_\_\_  
 PRODUCT: \_\_\_\_\_  
 APPROVED BY: \_\_\_\_\_

## PRODUCT FEATURES

- Non-ferrous construction and remote power supplies provide safe operating conditions for MRI machines, medical imaging equipment, and other magnetically sensitive apparatus
- Non-ferrous construction, available in 2ft, 3ft, and 4ft
- Easy installation with keyhole slots
- White antimicrobial finish standard
- This product is Made in America and complies with the Buy American Act (BAA) and the Build America, Buy America Act (BABAA)



MUS-MRI



## ORDERING INFORMATION

Example: MUS2-MRI-HA-L130-A-90C-24V

| MUS                                       |   | MRI  | HA  |   |  |
|---|---|--|---|---|--|
| <b>Series</b>                             | <b>Size*</b><br>2 = 2ft<br>3 = 3ft<br>4 = 3ft<br><br>*Nominal Size.<br>Dimensional Data<br>on Page 3. | <b>MRI = Remote Driver*</b><br><br>*Remote Power Supply, ordered separately. Requires proper filter components supplied by others. Consult factory for additional information. | <b>Housing</b><br>HA = 16Ga. Alum Painted | <b>Lumen Output</b><br><b>MUS2</b><br>L1 = 1250lm (12W)<br><b>MUS3</b><br>L1 = 1875lm (18W)<br><b>MUS4</b><br>L1 = 1250lm (25W) | <b>Color Temp.</b><br>30 = 3000K<br>35 = 3500K<br>40 = 4000K<br>50 = 5000K |
| <b>A</b>                                  |   | <b>CRI</b>   | <b>24V</b>                                |   |  |
| <b>Lens</b><br>A = .125 Prismatic Acrylic |   | <b>80C</b> = 80 CRI<br><b>90C</b> = 90 CRI   | <b>Voltage</b><br>24V = 24V               |   |  |



**New Star Lighting**  
 2225 W Pershing Rd, Chicago, IL 60609  
 (773) 847-1400  
[www.newstarlighting.com](http://www.newstarlighting.com)

Specifications and dimensions are subject to change without notice. For additional options and dimensional details, please consult your New Star Lighting representative.

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## SPECIFICATIONS

**HOUSING:** Non-ferrous 16-gauge aluminum housing with continuous seam welds. Non-ferrous material content for MRI compatibility.

**LENS:** .125" prismatic acrylic lens.

**LED:** Available in three color temperatures 3000K, 3500K, 4000K, and 5000K with maximum 3-step MacAdam variation allowance. Minimum 50,000 hours with 70% lumen maintenance in a 25°C ambient temperature environment, compliant with IES LM-80 testing standards..

**ELECTRICAL:** Remote 120/277VAC 50/60HZ standard integral 0-10V dimming driver available with 1-100% range. Must order Power Enclosure separately.

**REMOTE POWER SUPPLY:** LED driver included - must be remote mount. Must order Power Supply separately on page the bottom of this page. If using a separately sourced Power Supply Box (by others) the drivers need to be mounted 2" apart. Consult factory for more information. MRI room EMI filter required, supplied by others.

**FINISH:** White antimicrobial polyester powder coat finish following multistage iron phosphate pre-treatment.

**INSTALLATION:** Keyhole slots for easy installation. Mounting screws are not provided.

**WARRANTY:** Five (5) Year Warranty.

**LABEL:** Fixture is Damp location certified to UL standards by Intertek Testing Laboratories. This product was Made in America and complies with the Buy American Act (BAA) and the Build America, Buy America Act (BABAA).

## POWER ENCLOSURE ORDERING INFORMATION

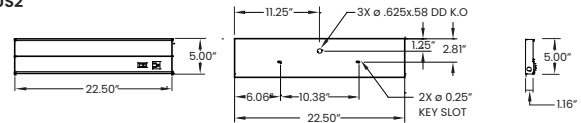
Power enclosure must be installed outside of the MRI room. MRI room EMI filters required (supplied by others). Custom configurations available for Power Enclosure when using multiple fixtures per driver. Consult factory for configurations. Configurations must be determined at time of order.

**Example: MUS4-PS-1/1-P-UN-DMI**

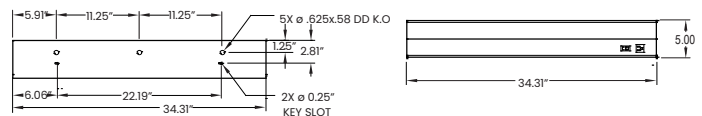
| MUS    |                                       | PS-1/1-P |                                       |  |
|--------|---------------------------------------|----------|---------------------------------------|--|
| Series | Size<br>2 = 2ft<br>3 = 3ft<br>4 = 3ft |          | Voltage<br>UN = Universal (120V-277V) | Options<br>DMI = 0-10V dimming with 1-100% range |

## DIMENSIONAL DATA

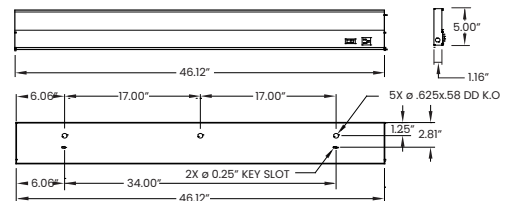
MUS2



MUS3



MUS4



## IMPORTANT SAFETY MEASURES

Power must be supplied by grounded New Star Remote Power Supply to ensure adequate EMI filtering. Remote Power Supply system must be ordered separately, and installed according to provided instructions.

- This must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved in a MRI environment
- Disconnect power to all circuits before wiring fixture
- Install in accordance with all national, state, and local codes
- Remote Power Supply MUST be grounded
- Failure to install unit on a mechanically sound surface may result in personal injury, physical damage, or potential fire hazard
- Use installation procedures appropriate to a MRI environment and sensitive electronic equipment
- Read all fixture marketing and labels to ensure correct installation of the luminaire
- Supplemental instructions may be located on the luminaire, in addition to the instruction sheet provided by New Star, regarding orientation or mounting restrictions



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SPECIFIER ACKNOWLEDGMENT

Contractor acknowledges and understands the requirements of installing New Star Lighting products prior to the installation.  
**Please sign below before New Star Lighting releases your order.**

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

Project Name: \_\_\_\_\_

----- See next page for MRI installation registration checklist -----

## MRI INSTALLATION REGISTRATION CHECKLIST

Customer acknowledges that attached Installation Registration Checklist will be provided to the installer to sign and return to New Star Lighting after the installation is complete.  
**Please fill out this form and return to your New Star Lighting Representative.**

The warranty for your MRI installation will not go into effect until receipt of this signed registration checklist.

I certify that the lighting installation for the listed MRI suite is completed per the provided installation instructions and to the best of my abilities.

Please check off to denote status:

Installation instruction sheet for Remote Power Supply is read and followed.

Remote Power supply is located outside the shielded MRI exam room and grounded.

All dimming signals wiring is located outside the shielded MRI room.

Lighting system fully tested (including dimming operation if applicable) while MRI machine is in idle mode.

Lighting system fully tested (including dimming operation, if applicable) while MRI machine is in scan operation mode with the magnets fully activated.

If any of those steps cannot be completed or you need technical assistance, please contact your New Star Lighting Representative.

Electrical Contractor

Installation site

Name: \_\_\_\_\_

Project Name: \_\_\_\_\_

Phone: \_\_\_\_\_

City / State (Province): \_\_\_\_\_

Installation date: \_\_\_\_\_

Send the form to your New Star Lighting Representative.

New Star Lighting Representative: \_\_\_\_\_

Date: \_\_\_\_\_



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