

Project		Catalog #		Type	
Prepared by		Notes		Date	



## Fail-Safe



### MRI-ASR

MRI Architectural Slot Recessed  
2" and 4" Aperture  
2', 4', and 8' Lengths  
Remote Drivers/Filters

**Typical Applications**  
MRI Suites

#### Interactive Menu

- Order Information [page 2](#)
- Photometric Data [page 3](#)
- Product Warranty

#### Top Product Features

- Single-piece, fully luminous smooth frosted lens; ideal for easy wipe-down and cleaning
- Choose from a 2" slot or a 4" slot for a choice of aesthetics and lumen packages
- Non-ferrous construction to ensure trouble-free operation in the MRI suite
- Remote drivers and multi-channel MRI filters to ensure proper operation and output of the MRI equipment
- Options to meet Buy American Act requirements

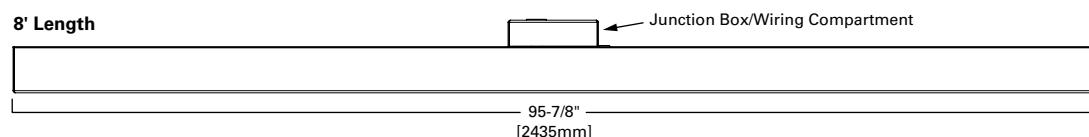
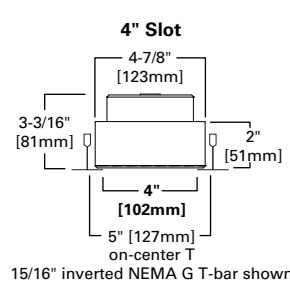
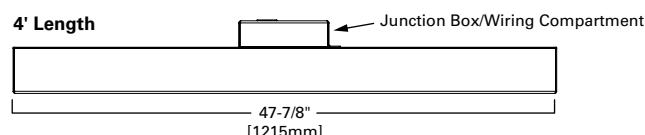
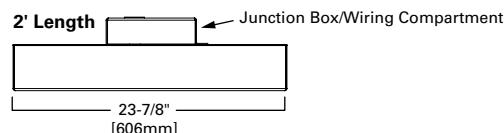
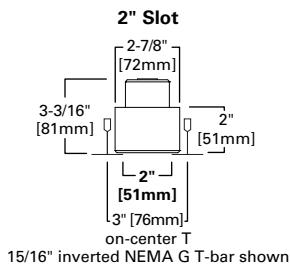
#### Product Certification



#### Product Features



#### Dimensional and Mounting Details



[additional product diagrams](#)

## Example: Single MRI Suite

Components	Description	Catalog Number	Quantity
Luminaire	8' luminaire, 4" slot, 250 lumens/ft	MRI-4ASR-8-250-L835-OPL	6
Driver <sup>(1)</sup>	Driver for 2 qty. 8' luminaires, 250 lumens/ft	MRI-DRV-CD-UNV-4ASR8-250-2	3
Filter	3 or 4 Channel Electrical Filter	MRI-RF4	1
Driver Enclosure	Remote Driver Enclosure (up to 4 drivers)	MRI-RDE	1

Example bill of material, for one MRI suite:  
 • Luminaires (6)  
 • Drivers (3)  
 • Filter (1)  
 • Driver Enclosure (1)

Note: (1) Drivers ship separately – installed in the remote driver enclosure, in the field.

## 1. Luminaire

SAMPLE ORDER NUMBER: MRI-2ASR-4-500-L930-OPL

Domestic Preferences <sup>(1)</sup>	Luminaire Type	Width/Aperture	Luminaire Series	Length	Lumens/ft.	CCT	Lens
[Blank]=Standard BAA=Buy American Act	MRI	2=2" 4=4"	ASR=Architectural Slot Recessed	2=2ft 4=4ft 8=8ft	250=250 Lumens/foot 500=500 Lumens/foot 750=750 Lumens/foot <sup>(2)</sup> 1000=1000 Lumens/foot <sup>(3)</sup>	L835=80CRI, 3500K L840=80CRI, 4000K L850=80CRI, 5000K L935=90CRI, 3500K L940=90CRI, 4000K L950=90CRI, 5000K	OPL=0.125" thick Opal (Smooth)
<b>Notes</b> (1) Only product configurations with this designated prefix are built to be compliant with the Buy American Act of 1933 (BAA). Please refer to <a href="#">DOMESTIC PREFERENCES</a> website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.					<b>Notes</b> (2) 750 available in the 2" wide, 2ft & 4ft lengths only. Not available in 8ft. 750 not available in the 4" width. (3) 1000 available in the 4" wide, 2ft & 4ft lengths only. Not available in 8ft. 1000 not available in the 2" width.		

## 2. Driver

SAMPLE ORDER NUMBER: MRI-DRV-CD-UNV-2ASR4-500-2

Driver	Type	Voltage	Luminaire	Output	Driver
MRI-DRV	CD=0-10V Dimming (10%) 5LTD=Dali (10%)	UNV=Universal Voltage 120-277V 347-347V	2ASR2=2" Slot, 2' Length 2ASR4=2" Slot, 4' Length 2ASR8=2" Slot, 8' Length  4ASR2=4" Slot, 2' Length 4ASR4=4" Slot, 4' Length 4ASR8=4" Slot, 8' Length	250=250 Lumens/foot 500=500 Lumens/foot 750=750 Lumens/foot 1000=1000 Lumens/foot	1=One driver powers 1 luminaire 2=One driver powers 2 luminaire 3=One driver powers 3 luminaire 4=One driver powers 4 luminaire 5=One driver powers 5 luminaire
				<b>Notes</b> Refer to the Maximum Luminaires Per Driver Table below for available options	<b>Notes</b> See below for maximum number of luminaire per driver at each output.

## 3. Filter

SAMPLE ORDER NUMBER: MRI-RF2

Filter
MRI-RF2=MRI Filter, 1 or 2 Channels <sup>(5)</sup> MRI-RF4=MRI Filter, 4 Channels <sup>(5)</sup>
<b>Notes</b> (5) 1 Channel required for each driver. If 3 or 4 drivers are required, specify the MRI-RF4 filter.

## 4. Remote Driver Enclosure

SAMPLE ORDER NUMBER: MRI-RDE

Driver Enclosure
MRI-RDE=MRI Remote Driver Enclosure <sup>(6)</sup>
<b>Notes</b> (6) Remote Driver Enclosure accommodates up to 4 drivers. 1-4 drivers, 1 enclosure. 5-8 drivers, 2 enclosures.

## Maximum Luminaires Per Driver

Luminaire	0-10V UNV	0-10V 347V	DALI
MRI-2ASR-2-250-L840-OPL	9	9	8*
MRI-2ASR-2-500-L840-OPL	4	4	4
MRI-2ASR-2-750-L840-OPL	2	2	2
MRI-2ASR-4-250-L840-OPL	4	4	4
MRI-2ASR-4-500-L840-OPL	2	2	2
MRI-2ASR-4-750-L840-OPL	1	1	1
MRI-2ASR-8-250-L840-OPL	2	2	2
MRI-2ASR-8-500-L840-OPL	1	1	1
MRI-2ASR-8-750-L840-OPL	n/a	n/a	n/a
MRI-4ASR-2-250-L840-OPL	11	11	10*
MRI-4ASR-2-500-L840-OPL	5	5	5
MRI-4ASR-2-1000-L840-OPL	2	2	2
MRI-4ASR-4-250-L840-OPL	6	6	5
MRI-4ASR-4-500-L840-OPL	3	3	2
MRI-4ASR-4-1000-L840-OPL	1	1	1
MRI-4ASR-8-250-L840-OPL	3	3	2
MRI-4ASR-8-500-L840-OPL	1	1	1
MRI-4ASR-8-1000-L840-OPL	n/a	n/a	n/a

Note: \*Not available for single fixture, must have at least 2 fixtures.

Drywall framing kit not available for 2" aperture

Accessory <sup>(7)</sup>
DFMRI-0424W-U=Non-ferrous drywall framing kit. Cutout Dimensions 5.25" x 24.25" <sup>(8)</sup> DFMRI-0448W-U=Non-ferrous drywall framing kit. Cutout Dimensions 5.25" x 48.25" <sup>(8)</sup> DFMRI-0496W-U=Non-ferrous drywall framing kit. Cutout Dimensions 5.25" x 96.25" <sup>(8)</sup>
<b>Notes</b> (7) Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information. (8) Drywall framing kit not available for 2" aperture slot luminaire.

## Product Specifications

### Construction

- Fixture formed of sheet aluminum, antimicrobial matte white powdercoat finish
- Remote driver enclosure constructed of galvanized steel

### Mounting

- Designed to mount in 9/16" and 15/16" T-grid ceilings
- Optional non-ferrous MRI drywall kit available for 4" aperture luminaire only

### Electrical

- Drivers mounted outside of the MRI room to prevent electromagnetic interference
- MRI electrical filters for penetrating the MRI shielding
- Remote driver enclosure houses drivers in MRI equipment room

### Lens and Gasketing

- Smooth Opal Polycarbonate lens provides a uniform light distribution
- Full illumination across entire aperture
- Lens held in place via mechanical means (see page 4 for illustration).
- Closed cell gasket seals between fixture and T-grid

### Compliance

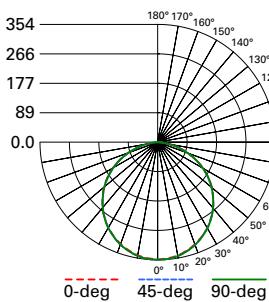
- UL listed for damp locations
- Non-Ferrous construction with remote drivers for MRI use

### Limited Warranty

- Five year limited warranty

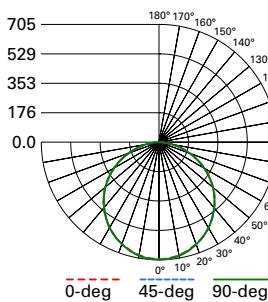
## Photometric Data

[View IES files](#)



### MRI-4ASR-4-250-L840-OPL

Electronic Driver  
Linear LED 4000K  
Spacing criterion: (II) 1.25 x mounting height, ( $\perp$ ) 1.25 x mounting height  
Lumens: 1005  
Input Watts: 16.1W  
Efficacy: 62.4 LPW  
Test Report: MRI-4ASR-4-250-L840-OPL.IES



### MRI-2ASR-8-250-L840-OPL

Electronic Driver  
Linear LED 4000K  
Spacing criterion: (II) 1.25 x mounting height, ( $\perp$ ) 1.25 x mounting height  
Lumens: 2024  
Input Watts: 40.1W  
Efficacy: 50.5 LPW  
Test Report: MRI-2ASR-8-250-L840-OPL.IES

## Energy and Performance Data

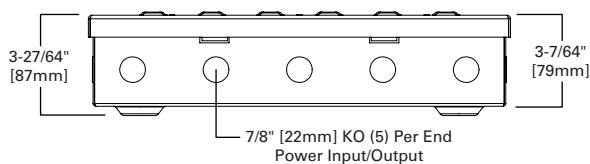
Luminaire	Length	Wattage	Lumens	LPW
MRI-2ASR-2-250-L840-OPL	2'	8.0	506	63.5
MRI-2ASR-2-500-L840-OPL	2'	17.4	1006	57.8
MRI-2ASR-2-750-L840-OPL	2'	33.3	1441	43.3
2" Aperture	MRI-2ASR-4-250-L840-OPL	4'	17.3	1012
	MRI-2ASR-4-500-L840-OPL	4'	40.8	2035
	MRI-2ASR-4-750-L840-OPL	4'	71.2	3224
	MRI-2ASR-8-250-L840-OPL	8'	34.6	2024
	MRI-2ASR-8-500-L840-OPL	8'	81.6	4070
	MRI-2ASR-8-750-L840-OPL	8'	x	x
	MRI-4ASR-2-250-L840-OPL	2'	6.6	502
	MRI-4ASR-2-500-L840-OPL	2'	14.3	1044
4" Aperture	MRI-4ASR-2-1000-L840-OPL	2'	29.7	1997
	MRI-4ASR-4-250-L840-OPL	4'	12.7	1005
	MRI-4ASR-4-500-L840-OPL	4'	26.6	2006
	MRI-4ASR-4-1000-L840-OPL	4'	58.4	4018
	MRI-4ASR-8-250-L840-OPL	8'	25.4	2010
	MRI-4ASR-8-500-L840-OPL	8'	53.2	4012
	MRI-4ASR-8-1000-L840-OPL	8'	x	x

### CCT Multipliers

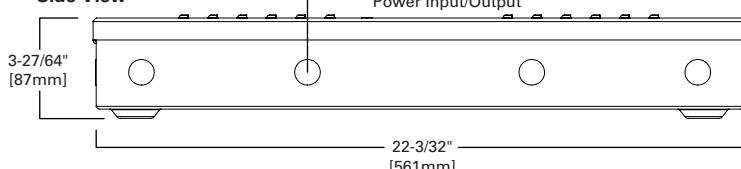
L835	1
L840	1
L850	1.076
L935	0.845
L940	0.854
L950	0.907

## Remote Driver Enclosure (up to 4 drivers per enclosure)

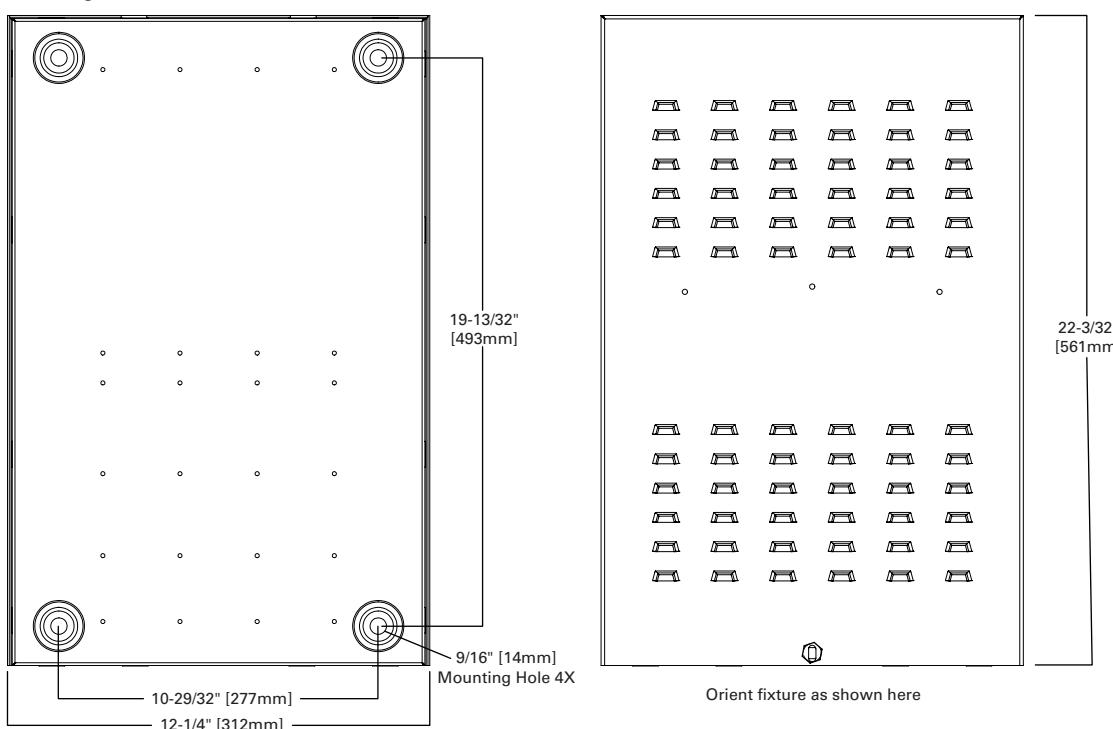
## Front View



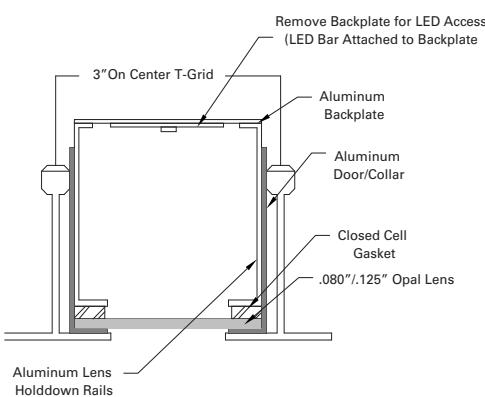
## Side View



## Mounting Detail



## MRI-2ASR Lens Detail



## MRI-4ASR Lens Detail

