

MEDMASTER DOWNLIGHT

Luminaires for MRI Applications

MRIDL SERIES

PRODUCT FEATURES:

- » 6" sealed, recessed downlight with regressed or flush lens trim
- » Designed for MRI applications with non-ferrous construction and RF-free electronics
- » Delivered lumens: 591 - 2,953 lm
- » 1% Dimming via 0-10V control



PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

SPECIFICATIONS

HEAT SINK: Die-cast aluminum with external radial fins for natural convection.

ROUGH-IN FRAME: Die-formed aluminum construction. Vertically adjustable collar accommodates ceiling thicknesses up to 2", adjustable post-installation. Universal mounting brackets accept 3/4" and 1-1/2" lathers channel, 1/2" EMT conduit and hanger bars. Quick-access junction box accessible post-installation from above and below ceiling. Includes (4) 1/2" and (2) 3/4" knock-outs to allow straight conduit runs. Listed for (8) 12AWG, 90°C conductors and feed-thru branch wiring. Provided with FMC with electrical quick-connect to Trim Section.

TRIM/HOUSING SECTION: IP-rated housing section incorporates the heat sink, LED module, optics and lower trim. Configurable with an IP64-rated Regressed or Flush lens trim that is secured to the Rough-In frame with hidden torsion springs, and an IP65 Flush lens trim secured with four (4) phillips head, captive fasteners. Anti-microbial finish standard on all exposed painted surfaces. See trim ordering information for available options.

OPTICAL: High-Efficiency mixing chamber design with regressed diffused tempered-glass lens producing uniform light output. Available with various reflector distribution patterns and finishes. Flush lens trim options include a clear lens. See distribution and reflector finish ordering information for available options.

ELECTRICAL: LED array available in multiple CCT and CRI combinations with a maximum 3-step MacAdam variation allowance. See Trim Ordering Information for available options. Luminaire input 24VDC from remote-located 120-277VAC, high-power-factor power supply with EMI filter. Dimming line EMI filter required if utilizing dimming function. Standard 0-10V dimming with 1-100% range and dim-to-dark capabilities. See below for ordering information.

PHOTOMETRICS: Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory. For photometric information, go to www.kenall.com.

WARRANTY: Limited five (5) year LED warranty.

INSTALLATION: All power and signal wiring must be in completely grounded aluminum conduit. Light engine and internal driver are replaceable post-installation.

LISTINGS: Luminaire is certified to UL standards by Intertek Testing Laboratory for IC and Wet Location installations. IP64 and IP65 rating per IEC60598. NSF2 Splash/Non-Food Zone.



ORDERING INFORMATION (EX: MRIDL6-FF-PAFW-23L-40K8-W-CSS-T-RIMRI6-24V-DIM1)

TRIM

Model	Trim Style	Trim Finish	Lamp Power	Lamp Color	Distribution	Reflector Finish	Flush Lens Type
-------	------------	-------------	------------	------------	--------------	------------------	-----------------

MRIDL6

Trim Style

R Regressed Lens (IP64)

NF Flush Lens (Without Fasteners - IP64)

FF Flush Lens (With Fasteners - IP65)

Trim Finish

DCFW Die-Cast Aluminum in Flat White (R and NF Trim Style)

PAFW Aluminum in Flat White

Lamp Power

13L 13 Watt LED

23L 23 Watt LED

31L 31 Watt LED

Lamp Color

30K8 3000K / 80 CRI min.

30K9 3000K / 90 CRI min.

35K8 3500K / 80 CRI min.

35K9 3500K / 90 CRI min.

40K8 4000K / 80 CRI min.

40K9 4000K / 90 CRI min.

50K8 5000K / 80 CRI min.

Distribution

M Medium

W Wide

WW* Wall Wash

Reflector Finish

FW Flat White

CS Clear Specular

CSS Clear Semi-Specular

Flush Lens Type (n/a Regressed Trim Style)

T 1/8" Clear High-Impact Acrylic

ROUGH-IN

Rough-In	Input Voltage	Driver Type	Options
----------	---------------	-------------	---------

RIMRI6 24V DIM1

Rough-In

RIMRI6 6" MRI Rough-In

Input Voltage

24V 24 Volts

Driver Type

DIM1 0-10V Dimming to 1%

* Available with CSS reflector finish only

ACCESSORIES ORDERED SEPARATELY

MRIPSF Remote Power Supply with EMI Filter ([click here for specifications](#))

MRIFD-1A Dimming Filter (one per dimming circuit, [click here for specifications](#))

MRI LUMINAIRE CONNECTION PER POWER SUPPLY

Luminaire Number	Lamp Power	Amps/ Luminaire	Max Luminaires per MRIPSF-480 Power Supply	Max Luminaires per MRIPSF-240 Power Supply	Max Luminaires per MRIPSF-120 Power Supply
MRIDL6	13L	0.77	26	13	6
MRIDL6	23L	1.29	15	7	3
MRIDL6	31L	1.82	11	5	2



www.kenall.com | P: 800-4-Kenall | F: 262-891-9701 | 10200 55th Street Kenosha, Wisconsin 53144, USA

A brand of **legrand**

This product complies with the Buy American Act: manufactured in the United States with more than 50% of the component cost of US origin. It may be covered by patents found at www.kenall.com/patents. Content of specification sheets is subject to change; please consult www.kenall.com for current product details. ©2022 Kenall Mfg. Co.

MRIDL6-042122

MEDMASTER DOWNLIGHT

Luminaires for MRI Applications

MRIDL SERIES

PERFORMANCE - REGRESSED LENS

Optic		Lamp Power	Initial Delivered Lumens, By Lamp Color							Efficacy (lm/W)	Input Power (W)	Estd. L70 LED Life (hrs)
Distribution	Reflector Finish		30K8	30K9	35K8	35K9	40K8	40K9	50K8			
M	CS	13L	956	799	956	809	994	809	1,016	50 - 63	16	75,000
		23L	1,777	1,486	1,777	1,504	1,848	1,504	1,888	55 - 70	27	80,000
		31L	2,527	2,113	2,527	2,139	2,628	2,139	2,685	57 - 73	37	65,000
	CSS	13L	897	750	897	760	933	760	954	47 - 60	16	75,000
		23L	1,668	1,395	1,668	1,412	1,735	1,412	1,772	52 - 66	27	80,000
		31L	2,372	1,984	2,372	2,008	2,467	2,008	2,521	54 - 68	37	65,000
	FW	13L	1,036	866	1,036	876	1,077	876	1,100	54 - 69	16	75,000
		23L	1,925	1,610	1,925	1,629	2,002	1,629	2,045	60 - 76	27	80,000
		31L	2,738	2,289	2,738	2,317	2,847	2,317	2,909	62 - 79	37	65,000
W	CS	13L	1,051	879	1,051	890	1,093	890	1,117	55 - 70	16	75,000
		23L	1,954	1,634	1,954	1,654	2,032	1,654	2,076	61 - 77	27	80,000
		31L	2,779	2,324	2,779	2,352	2,890	2,352	2,953	63 - 80	37	65,000
	CSS	13L	925	773	925	783	962	783	983	48 - 61	16	75,000
		23L	1,719	1,438	1,719	1,455	1,788	1,455	1,827	53 - 68	27	80,000
		31L	2,445	2,045	2,445	2,069	2,543	2,069	2,598	55 - 70	37	65,000
	FW	13L	1,003	839	1,003	849	1,043	849	1,066	52 - 67	16	75,000
		23L	1,864	1,559	1,864	1,578	1,939	1,578	1,981	58 - 73	27	80,000
		31L	2,652	2,217	2,652	2,244	2,758	2,244	2,818	60 - 76	37	65,000
WW	CSS	13L	783	655	783	663	815	663	832	41 - 52	16	75,000
		23L	1,456	1,217	1,456	1,232	1,514	1,232	1,547	45 - 57	27	80,000
		31L	2,071	803	2,071	1,752	2,153	1,752	2,200	22 - 59	37	65,000

Subject to change without notice. Visit www.kenall.com for ies files and additional information.



www.kenall.com | P: 800-4-Kenall | F: 262-891-9701 | 10200 55th Street Kenosha, Wisconsin 53144, USA

A brand of Legrand

This product complies with the Buy American Act: manufactured in the United States with more than 50% of the component cost of US origin. It may be covered by patents found at www.kenall.com/patents. Content of specification sheets is subject to change; please consult www.kenall.com for current product details. ©2022 Kenall Mfg. Co.

MEDMASTER DOWNLIGHT

Luminaires for MRI Applications

MRIDL SERIES

For additional photometry, go to www.kenall.com

PERFORMANCE - REGRESSED LENS

Wide Distribution Candela Curve	MRIDL6-R-13L-40K8-W-CS		Distance to illuminated plane (ft)	MRIDL6-R-13L-40K8-M-CS		Medium Distribution Candela Curve
	Initial center beam foot-candles	Beam diameter (ft)		Initial center beam foot-candles	Beam diameter (ft)	
	25.3	7.6	5'	54.3	3.6	
	20.3	7.9	6'	37.7	4.1	
	14.8	9.0	7'	27.7	4.8	
	11.4	11.0	8'	21.2	5.5	
	9.0	11.8	9'	16.8	7.0	
	7.3	12.6	10'	13.6	7.8	
Spacing Criteria: 1.42	foot-candle multipliers for 30K8(.96), 30K9(.80), 35K8(.96), 35K9(.81), 40K9(.81), 50K8(1.0)					Spacing Criteria: 0.64
Beam Angle: 60°	Beam diameter is where foot-candles drop to 50% of maximum					Beam Angle: 31°

Wide Distribution Candela Curve	MRIDL6-R-223L-40K8-W-CS		Distance to illuminated plane (ft)	MRIDL6-R-23L-40K8-M-CS		Medium Distribution Candela Curve
	Initial center beam foot-candles	Beam diameter (ft)		Initial center beam foot-candles	Beam diameter (ft)	
	47.1	7.6	5'	100.9	3.6	
	37.7	7.9	6'	70.1	4.1	
	27.6	9.0	7'	51.5	4.8	
	21.2	11.0	8'	39.4	5.5	
	16.8	11.8	9'	31.1	7.0	
	13.6	12.6	10'	25.2	7.8	
Spacing Criteria: 1.42	foot-candle multipliers for 30K8(.96), 30K9(.80), 35K8(.96), 35K9(.81), 40K9(.81), 50K8(1.0)					Spacing Criteria: 0.64
Beam Angle: 60°	Beam diameter is where foot-candles drop to 50% of maximum					Beam Angle: 31°

Wide Distribution Candela Curve	MRIDL6-R-31L-40K8-W-CS		Distance to illuminated plane (ft)	MRIDL6-R-31L-40K8-M-CS		Medium Distribution Candela Curve
	Initial center beam foot-candles	Beam diameter (ft)		Initial center beam foot-candles	Beam diameter (ft)	
	67.0	7.6	5'	143.5	3.6	
	53.6	7.9	6'	99.6	4.1	
	39.3	9.0	7'	73.2	4.8	
	30.1	11.0	8'	56.0	5.5	
	23.9	11.8	9'	44.3	7.0	
	19.3	12.6	10'	35.9	7.8	
Spacing Criteria: 1.36	foot-candle multipliers for 30K8(.96), 30K9(.80), 35K8(.96), 35K9(.81), 40K9(.81), 50K8(1.0)					Spacing Criteria: 0.36
Beam Angle: 60°	Beam diameter is where foot-candles drop to 50% of maximum					Beam Angle: 21°



www.kenall.com | P: 800-4-Kenall | F: 262-891-9701 | 10200 55th Street Kenosha, Wisconsin 53144, USA

A brand of **Legrand**

This product complies with the Buy American Act: manufactured in the United States with more than 50% of the component cost of US origin. It may be covered by patents found at www.kenall.com/patents. Content of specification sheets is subject to change; please consult www.kenall.com for current product details. ©2022 Kenall Mfg. Co.

MRIDL6-042122

MEDMASTER DOWNLIGHT
Luminaires for MRI Applications
MRIDL SERIES

For additional photometry, go to www.kenall.com

PERFORMANCE - FLUSH LENS

Optic		Lamp Power	Initial Delivered Lumens, By Lamp Color							Efficacy (lm/W)	Input Power (W)	Estd. L70 LED Life (hrs)
Distribution	Reflector Finish		30K8	30K9	35K8	35K9	40K8	40K9	50K8			
M	CS	13L	862	721	862	730	897	730	916	45 - 57	16	75,000
		23L	1,603	1,340	1,603	1,356	1,667	1,356	1,703	50 - 63	27	80,000
		31L	2,280	1,906	2,280	1,929	2,371	1,929	2,422	52 - 65	37	65,000
	CSS	13L	810	677	810	685	842	685	860	42 - 54	16	75,000
		23L	1,505	1,258	1,505	1,273	1,565	1,273	1,599	47 - 59	27	80,000
		31L	2,140	1,789	2,140	1,811	2,225	1,811	2,274	48 - 61	37	65,000
	FW	13L	934	781	934	791	972	791	993	49 - 62	16	75,000
		23L	1,736	1,452	1,736	1,469	1,806	1,469	1,845	54 - 68	27	80,000
		31L	2,470	2,065	2,470	2,090	2,568	2,090	2,624	56 - 71	37	65,000
W	CS	13L	948	793	948	802	986	802	1,007	50 - 63	16	75,000
		23L	1,762	1,474	1,762	1,491	1,833	1,491	1,873	55 - 69	27	80,000
		31L	2,507	2,096	2,507	2,121	2,607	2,121	2,663	57 - 72	37	65,000
	CSS	13L	834	698	834	706	868	706	887	44 - 55	16	75,000
		23L	1,551	1,297	1,551	1,312	1,613	1,312	1,648	48 - 61	27	80,000
		31L	2,206	1,844	2,206	1,867	2,294	1,867	2,343	50 - 63	37	65,000
	FW	13L	905	757	905	766	941	766	961	47 - 60	16	75,000
		23L	1,682	1,406	1,682	1,423	1,749	1,423	1,787	52 - 66	27	80,000
		31L	2,392	2,000	2,392	2,024	2,488	2,024	2,541	54 - 69	37	65,000
WW	CSS	13L	707	591	707	598	735	598	751	37 - 47	16	75,000
		23L	1,313	1,098	1,313	1,111	1,366	1,111	1,395	41 - 52	27	80,000
		31L	1,868	725	1,868	1,581	1,942	1,581	1,984	20 - 54	37	65,000

Subject to change without notice. Visit www.kenall.com for ies files and additional information.



www.kenall.com | P: 800-4-Kenall | F: 262-891-9701 | 10200 55th Street Kenosha, Wisconsin 53144, USA

A brand of **Legrand**

This product complies with the Buy American Act: manufactured in the United States with more than 50% of the component cost of US origin. It may be covered by patents found at www.kenall.com/patents. Content of specification sheets is subject to change; please consult www.kenall.com for current product details. ©2022 Kenall Mfg. Co.

MRIDL6-042122

MEDMASTER DOWNLIGHT

Luminaires for MRI Applications

MRIDL SERIES

For additional photometry, go to www.kenall.com

PERFORMANCE - FLUSH LENS

Wide Distribution Candela Curve	MRIDL6-FF-13L-40K8-W-CS-T		Distance to illuminated plane (ft)	MRIDL6-FF-13L-40K8-M-CS-T		Medium Distribution Candela Curve
	Initial center beam foot-candles	Beam diameter (ft)		Initial center beam foot-candles	Beam diameter (ft)	
	22.9	7.6	5'	71.1	3.2	
	18.1	7.8	6'	49.4	3.5	
	13.2	9.0	7'	36.3	4.0	
	10.1	10.5	8'	27.8	4.6	
	8.1	11.6	9'	21.9	5.2	
	6.5	13.0	10'	17.8	6.2	
Spacing Criteria: 1.4	foot-candle multipliers for 30K8(.96), 30K9(.80), 35K8(.96), 35K9(.81), 40K9(.81), 50K8(1.0)				Spacing Criteria: 0.62	
Beam Angle: 59°	Beam diameter is where foot-candles drop to 50% of maximum				Beam Angle: 34°	

Wide Distribution Candela Curve	MRIDL6-FF-23L-40K8-W-CS-T		Distance to illuminated plane (ft)	MRIDL6-FF-23L-40K8-M-CS-T		Medium Distribution Candela Curve
	Initial center beam foot-candles	Beam diameter (ft)		Initial center beam foot-candles	Beam diameter (ft)	
	42.5	7.6	5'	132.1	3.2	
	33.6	7.8	6'	91.7	3.5	
	24.6	9.0	7'	67.4	4.0	
	18.9	10.5	8'	51.6	4.6	
	15.0	11.6	9'	40.8	5.2	
	12.1	13.0	10'	33.0	6.2	
Spacing Criteria: 1.4	foot-candle multipliers for 30K8(.96), 30K9(.80), 35K8(.96), 35K9(.81), 40K9(.81), 50K8(1.0)				Spacing Criteria: 0.62	
Beam Angle: 59°	Beam diameter is where foot-candles drop to 50% of maximum				Beam Angle: 34°	

Wide Distribution Candela Curve	MRIDL6-FF-31L-40K8-W-CS-T		Distance to illuminated plane (ft)	MRIDL6-FF-31L-40K8-M-CS-T		Medium Distribution Candela Curve
	Initial center beam foot-candles	Beam diameter (ft)		Initial center beam foot-candles	Beam diameter (ft)	
	60.4	7.6	5'	187.9	3.2	
	47.8	7.8	6'	130.5	3.5	
	35.0	9.0	7'	95.8	4.0	
	26.8	10.5	8'	73.4	4.6	
	21.3	11.6	9'	58.0	5.2	
	17.2	13.0	10'	47.0	6.2	
Spacing Criteria: 1.36	foot-candle multipliers for 30K8(.96), 30K9(.80), 35K8(.96), 35K9(.81), 40K9(.81), 50K8(1.0)				Spacing Criteria: 0.36	
Beam Angle: 54°	Beam diameter is where foot-candles drop to 50% of maximum				Beam Angle: 21°	



www.kenall.com | P: 800-4-Kenall | F: 262-891-9701 | 10200 55th Street Kenosha, Wisconsin 53144, USA

A brand of Legrand

This product complies with the Buy American Act: manufactured in the United States with more than 50% of the component cost of US origin. It may be covered by patents found at www.kenall.com/patents. Content of specification sheets is subject to change; please consult www.kenall.com for current product details. ©2022 Kenall Mfg. Co.

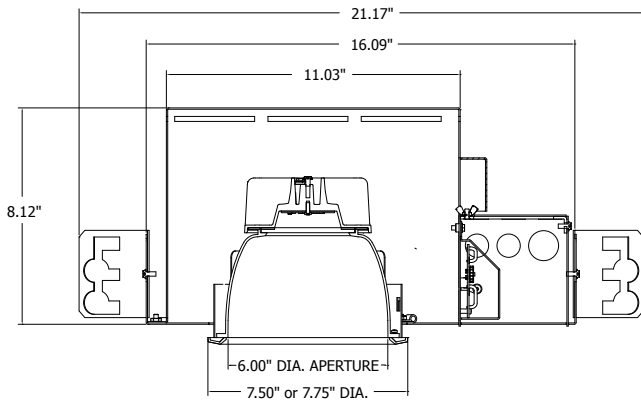
MEDMASTER DOWNLIGHT

Luminaires for MRI Applications

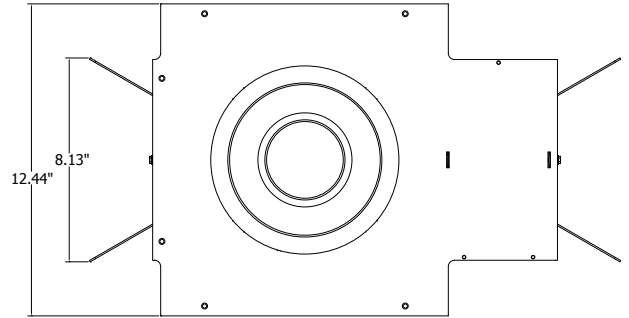
MRIDL SERIES

DIMENSIONAL DATA

CROSS SECTION



BOTTOM VIEW



RECOMMENDED CEILING CUT-OUT
R and NF Trims: 7.13" Dia.
FF Trims: 7.38" Dia.



www.kenall.com | P: 800-4-Kenall | F: 262-891-9701 | 10200 55th Street Kenosha, Wisconsin 53144, USA

A brand of **legrand**

This product complies with the Buy American Act: manufactured in the United States with more than 50% of the component cost of US origin. It may be covered by patents found at www.kenall.com/patents. Content of specification sheets is subject to change; please consult www.kenall.com for current product details. ©2022 Kenall Mfg. Co.

IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed, including the following:

THIS PRODUCT 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. DISCONNECT POWER TO ALL CIRCUITS BEFORE WIRING FIXTURE. INSTALL IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL CODES. DO NOT CONNECT TO AN UNGROUNDED SUPPLY. READ ALL FIXTURE MARKINGS AND LABELS TO ENSURE CORRECT INSTALLATION OF FIXTURE. SUPPLEMENTAL INSTRUCTIONS MAY BE LOCATED ON THE FIXTURE, IN ADDITION TO THIS INSTRUCTION SHEET, REGARDING ORIENTATION, OR MOUNTING RESTRICTIONS.

CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHÉRENTS.

THE DOWNLIGHT CONTAINS SENSITIVE ELECTRONICS. TAKE CARE TO AVOID DAMAGE BY IMPROPER HANDLING OR STATIC ELECTRICITY DISCHARGE (ESD). EITHER TYPE OF DAMAGE COULD RENDER THE SYSTEM INOPERABLE OR CAUSE LATENT FAILURE.

ROUGH-IN SECTION

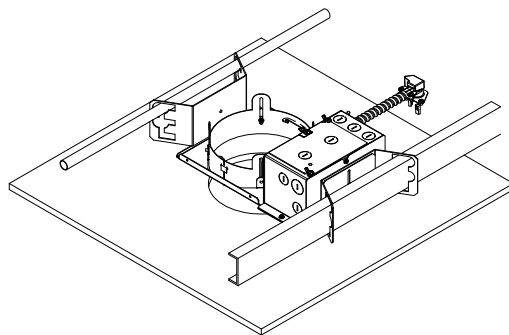
SAVE THESE INSTRUCTIONS

Recommended ceiling opening for trims with torsion springs (R or NF trim style): 7.125" Dia.

Recommended ceiling opening for trims secured with screws (FF trim style): 7.375" Dia

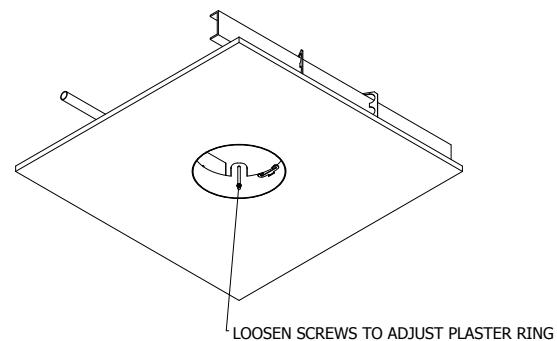
1. Insert non-magnetic ½" conduit or C channels, by others, into mounting brackets. Fig. 1
2. Secure the channels or conduit to framing members or grid.
3. Loosen two (2) screws in mounting brackets to adjust the height of the Rough-In frame to level with the bottom of the joists. Re-tighten when in position.
4. Adjust plaster ring flush to finished ceiling by loosening (4) screws. Fig. 2. Slide ring to proper position and re-tighten screws.

Figure 1



CONDUIT OR CHANNELS
SUPPLIED BY OTHERS

Figure 2



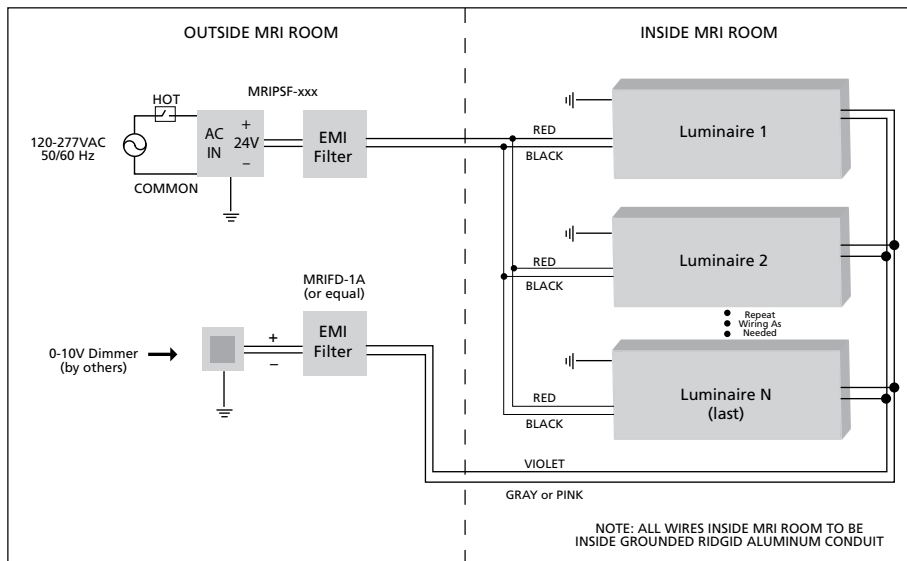
LOOSEN SCREWS TO ADJUST PLASTER RING



ELECTRICAL CONNECTION

1. Mount and wire the MRIPSF external power supply system per the procedures provided in the supplementary instruction sheet. Run conduit and DC wiring to an MRI room with EMI filter. Make sure wiring is completely enclosed in grounded aluminum conduit. Any gaps, regardless of size, must be closed or wrapped in copper foil tape.
2. If a 0-10V dimming circuit is to be connected, install at this time. The 0-10V dimmer must be installed outside the shielded MRI environment with the Kenall MRIFD-1A dimming line filter (or equivalent) installed in accordance with the supplied installation instructions. Kenall recommends the Lutron Diva (DVSTV) and Lutron Nova T (NTSTV-DV) series to ensure the full range of dimming can be achieved. Contact Kenall for suitability in using an alternate sink-type 0-10V dimmer.
3. Remove junction box cover and make conduit connections to the appropriate 1/2" knockout(s).

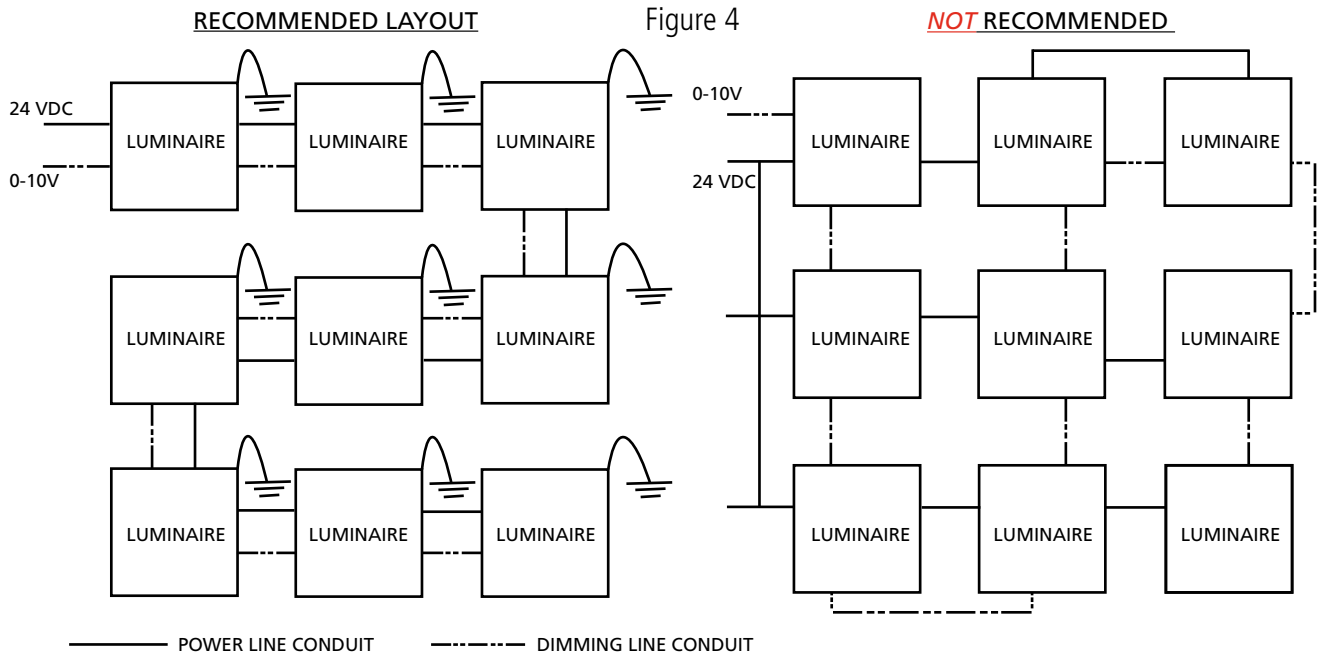
NOTE: All DC power and dimming signal wiring must be run through separate EMI filters. Both shall be run through the same conduit to the luminaire(s).



Single-Supply System Schematic

4. Run DC supply wiring, equal in size and temperature rating to the filter input wiring, between the filter output cables and the first luminaire within the shielded room. Follow recommended wiring layout described within Single-Supply System Schematic. All wiring must be within completely-enclosed, grounded conduit suitable for an MRI environment. Any gaps, regardless of size, must be closed or wrapped in copper foil tape. Special attention should be paid to the wiring entry point into the shielded space. Class 1 wiring methods are required.
5. Run the dimming signal wiring, equal in specification to the filter input wiring, between the filter output cables and the first luminaire within the shielded room. Maintain polarity between input and output sides of the filter and follow wiring recommendation in Multi-Fixture Wiring Schematic. All wiring must be within completely enclosed, grounded conduit suitable for an MRI environment. Any gaps, regardless of size, must be closed or wrapped in copper foil tape. Special attention should be paid to the wiring entry point into the shielded space. Cap gray (or pink) and violet leads at luminaire(s) if dimming function is not implemented.
6. Using at least an 18 AWG wire, ground the last housing in the sequence to the shielded ceiling. This can be done by fastening the wire to the copper ground wire in the luminaire's junction box.
7. Make DC supply and (optional) dimmer control connections within each luminaire.
8. Replace junction box cover and seal covers using supplied copper foil tape.





Multi-Fixture System Schematic
TRIM SECTION

Before installation check the labels on the trim and frame to be sure the correct wattage trims are being installed.

1. Connect cable terminal loop to plaster ring to aide in supporting the trim. See Figure 1.
2. Connect LED plug to socket. See Figure 2.
3. Place the LED connector into the casting opening and secure the trim using the two retained screws on the harness assembly.
4. For trims with torsion springs, compress torsion spring and insert into receiver in plaster ring and push up to seat. See Figure 3.
5. For trims with screws, insert the trim into the plaster ring and rotate until the four reflector screws pass into the four holes in the plaster ring. The four trim mounting screws are now aligned with the cage nuts in the plaster ring and may be tightened to secure the trim. See Figure 4.

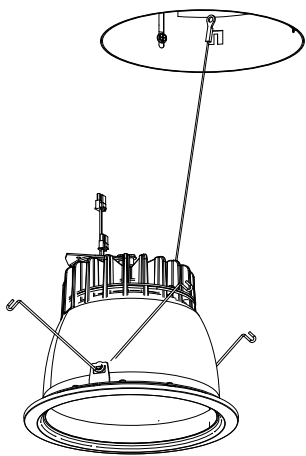


Figure 1

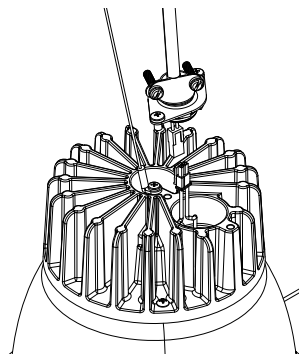


Figure 2

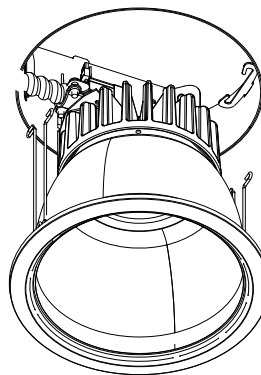


Figure 3

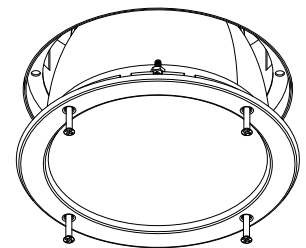


Figure 4



CUSTOMER SERVICE

For technical assistance, call 1-800-4KENALL (1-800-453-6255). For additional instructions, go to www.kenall.com/Installs

WARRANTY

For warranty information visit www.kenall.com/Resources/Certified-Performance-Warranties



CUSTOMER ACKNOWLEDGEMENT

Customer acknowledges that these Installation Instructions are part of the product specification, and that the attached Installation Registration Form will be provided to the installer to sign and return to Kenall after installation is complete. This signed release is required by Kenall before order will be released into production.

Signature: _____

Date: _____

Print Name: _____

Company Name: _____

IMPORTANT SAFEGUARDS

To prevent MRI machine interference, all DC power and dimming signal wiring must be completely shielded within grounded aluminum conduit and a suitable MRI room EMI filter must be installed on each line.

When using electrical equipment, basic safety precautions should always be followed, including the following:
THIS PRODUCT 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.

SAVE THESE INSTRUCTIONS

-
- Disconnect power to all circuits before wiring system.
 - Install in accordance with all national, state, and local codes.
 - Do not connect to an ungrounded supply.
 - Wiring connections must be made internal to the enclosure.
 - Failure to install unit on a mechanically-sound surface may result in personal injury, physical damage, or potential fire hazard.
 - Use installation procedures appropriate for an environment involving MRI and sensitive electronic equipment.
 - Read all markings and labels to ensure correct installation of the power supply. Supplemental instructions may be located on the enclosure, in addition to this instruction sheet, regarding orientation, or mounting restrictions.
 - Read instructions provided with the MedMaster™ MRIPSF remote power supply and DC filter system for proper installation and electrical connection to the lighting system.



www.kenall.com | P: 800-4-Kenall | F: 262-891-9701 | 10200 55th Street Kenosha, Wisconsin 53144, USA

A brand of  **legrand**

This product complies with the Buy American Act: manufactured in the United States with more than 50% of the component cost of US origin. It may be covered by patents found at www.kenall.com/patents. Content of specification sheets is subject to change; please consult www.kenall.com for current product details. ©2022 Kenall Mfg. Co.

MRIDL6-042122

CUSTOMER ACKNOWLEDGEMENT

MRI INSTALLATION REGISTRATION FORM

Customer acknowledges that the attached Installation Registration Form will be provided to the installer to sign and return to Kenall after installation is complete. For warranty purposes, please fill out this form and return to Kenall by fax at (262) 891-9701.

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

Please check off items to denote status:

- Installation instruction sheets for MRIPSF-480 remote power supply and DC filter system and individual luminaire(s) read and followed.
- MRIPSF-480 power supply and EMI filters are located outside the shielded enclosure.
- All DC supply wiring is completely enclosed within grounded aluminum conduit. Installation has no ungrounded/unshielded portions of conduit or openings of any size or shape.
- All dimming signal wiring is completely enclosed within grounded aluminum conduit. Installation has no ungrounded/unshielded portions of conduit or openings of any size or shape. Check here if dimming is not applicable:
- If supplied by others, MRI Room EMI filters for the 24VDC supply and dimming signal are of the type intended for MRI suites and are sized to the electrical load.
- DC supply power and dimming signal are NOT running through the same EMI filter. Check here if dimming is not applicable:
- Lighting system fully tested (including dimming operation, if applicable) while MRI machine is in idle and scan operation mode.

If any of these steps cannot be completed or you need technical assistance, please contact Kenall Technical Support at 1-800-4KENALL (1-800-453-6255).

Electrical Contractor

Installation Site

Name: _____

Name: _____

City/State: _____

City/State: _____

Phone: _____

FAX FORM TO (262) 891-9701

Installation Date: _____

(Do not write below line)

Kenall Received By: _____

Received Date: _____

