

Part #	Prepared By
Project	Notes
Type	
Date	



6" Round, vHealth® MRI

Enclosed, LED Downlight, MRI, 750-7000 Lumens



Description

vHealth® MRI luminaires are made with non-ferrous metals to ensure safe and reliable operation in medical imaging suites. Separate light module and fixture housings enable easy installation of the remote power supply. vHealth® MRI lights come standard with antimicrobial trim finishes to help mitigate infection risks throughout medical facilities. Optional EMI Filters available for turnkey solution. Made with regressed lenses, lensed vHealth® MRI recessed downlights are easy to clean and provide high quality light.

Warranty & Notes

ELECTRICAL SYSTEM

- 750 - 7000 lumens
- 2700K - 5000K CCT
- 80 CRI with 3 SDCM color consistency (+90 CRI optional)
- Standard 0-10V 1% dimming driver; optional drivers available
- 120 - 277V
- Minimum 50,000 hour lifetime at L70
- -20°C to 30°C Ambient Operating Temperature Range
- Optional 2-Port & 4-Port EMI filters

OPTICS

- Precision spun architectural-grade reflector with regressed lens
- Polycarbonate, Glass and Acrylic lens options
- Reflectors available in Alzak® and painted finishes; Antimicrobial standard
- Distribution is free of streaks, striations and hotspots
- Medium distribution
- Easy to clean

FRAME & MOUNTING

- Non-Ferrous frame with integrated junction box featuring hinged access covers with spring retaining latches
- Remote mount driver frame with integrated junction box featuring hinged access covers with spring retaining latches
- Vertically adjustable rigid formed mounting brackets that accept a variety of mounting bars with auxiliary nail holes and T-bar slots
- T-Bars included, suitable for joist spacing from 12" to 24"
- Supports straight conduit runs - (3) 3/4" knockouts
- Through branch wiring - (8) #12 AWG (4 in, 4 out), 90°C conductors
- Accessibility to all LED components from below ceiling
- Flush to the ceiling reflectors, secured by high quality friction clips

Listings

- ETL certified to UL 1598 and UL8750 requirements
- Tested according to LM-79 and LM-80 standards
- Energy Star® certified versions available (see Vantage Energy Star® guide for details)
- Suitable for damp locations; Wet location under covered ceiling
- Buy American Act

Warranty & Notes

- 5-year limited warranty on LED module and driver, www.vantageltg.com/product-warranty
- Photometric tests performed by an accredited NVLP facility and in accordance to IESNA LM-79-2008 testing procedures
- Insulation cannot be in direct contact with luminaire

Ordering Information

EXAMPLE: V6EVHMRIU-1130K-MRI6011-SGC-AM-TDM

Series	Voltage	Lumens	Kelvin (CCT)	Reflector/Lens*	Antimicrobial Finishes	Options**
V6EVHMRI	U - 120V-277V 1 - 120V 2 - 277V *Must provide voltage when optional drivers are selected.	07 - 750 11 - 1100 15 - 1500 20 - 2000 30 - 3000 40 - 4000 50 - 5000 60 - 6000 70 - 7000	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K 50K - 5000K	MRI6011 MRI6011P MRI6011FR MRI6011FRP MRI6014 MRI6014P MRI6016 MRI6012D MRI6014D MRI6016D MRI6018D	SCL-AM Specular Clear Antimicrobial SGC-AM Soft Glow Clear Antimicrobial WHT-AM White Matte Antimicrobial *All trims supplied standard with white painted flange.	VEM12 VEM14 DTD TDM DL-2 DL-3 LDE1 LDE5 PEQ0 HCR PF EM-17 EM-20

*Lens Notes

- MRI6011 - Medium Beam Clear Glass Lensed Reflector
- MRI6011P - Medium Beam Clear Polycarbonate Lensed Reflector
- MRI6011FR - Medium Beam Frosted Glass Lensed Reflector
- MRI6011FRP - Medium Beam Frosted Polycarbonate Lensed Reflector
- MRI6014 - Medium Beam Prismatic Glass Lensed Reflector
- MRI6014P - Medium Beam Prismatic Acrylic Lensed Reflector
- MRI6016 - Medium Beam Fresnel Glass Lensed Reflector
- MRI6012D - BeamShaper® Lens, 20° Beam Angle Reflector
- MRI6014D - BeamShaper® Lens, 40° Beam Angle Reflector
- MRI6016D - BeamShaper® Lens, 60° Beam Angle Reflector
- MRI6018D - BeamShaper® Lens, 80° Beam Angle Reflector

*Options Notes

- VEM12 - 2-Port EMI Filter
- VEM14 - 4-Port EMI Filter
- DTD - 0-10V 0.1% dimming driver. Not available above 4000 lumens.
- TDM - Triac (Forward Phase, 120V only) dimming driver. Not available above 5000 lumens.
- DL-2 - Lutron 2-Wire Hi-Lume dimming driver. Not available above 3000 lumens.
- DL-3 - Lutron 3 wire Hi-Lume dimming driver. Not available above 3000 lumens.
- LDE1 - Lutron Hi-Lume 1% with Soft-On, Fade-to-Black dimming driver. Not available above 4000 lumens.
- LDE5 - Lutron 5-Series 5% dimming driver. Not available above 4000 lumens.
- PEQ0 - Lutron Hi-Lume Premier 0.1% with Soft-On, Fade-to-Black dimming driver. Not available above 4000 lumens.
- HCR - High CRI, 90+ minimum. Not available in 5000 Kelvin.
- PF - Polished Flange
- EM-17 - Emergency battery back-up. Remote test button & indicator light. For 750-5000 lumen luminaires.
- EM-20 - Emergency batter back-up. Remote test button & indicator light. For 6000 & 7000 lumen luminaires.

Vantage reserves the right to change components, finishes or design details in any manner which does not alter the installed appearance or reduce performance and intended function.

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VEMI2 - 2-Port EMI Filter

VEMI4 - 4-Port EMI Filter

APPLICATIONS

- MRI Rooms

MATERIALS

- Steel Enclosure
- Steel Threaded Pipe
- Easy Connect Terminal Blocks

ELECTRICAL

- Calss II output 100W
- 3A / up to 40VDC

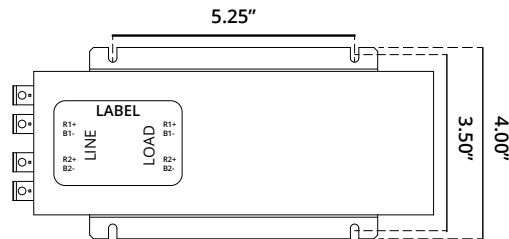
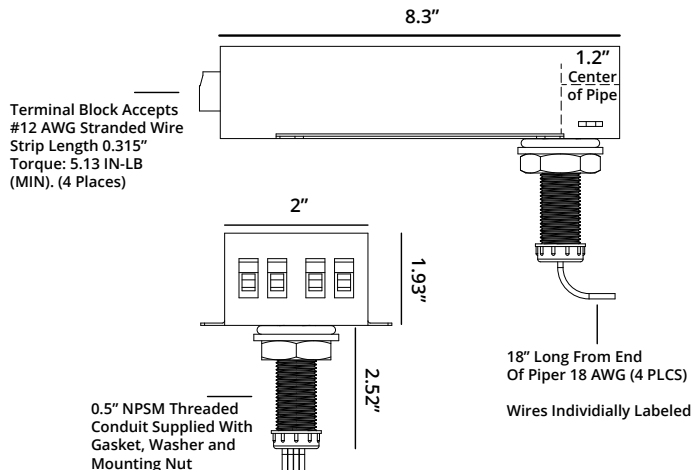
SPECIFICATIONS

- Filter provides >100dB attenuation between 10Khz - 1Ghz on 0-10V dimming circuits
- Operating temperature rating: -10°C to + 60°C

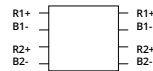
MECHANICAL (DIMENSIONS - INCHES)

PART NUMBER	DESCRIPTION	LENGTH	WIDTH	DEPTH
VEMI2	2-Port EMI Filter	8.70"	3.98"	1.93"
VEMI4	4-Port EMI Filter	8.70"	6.73"	1.93"

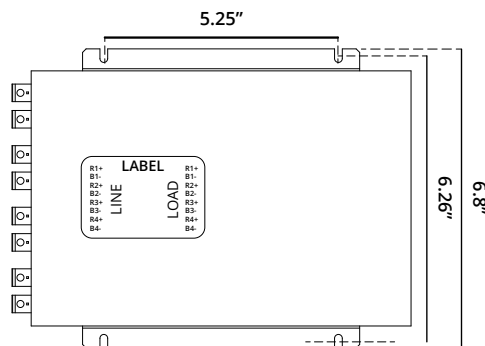
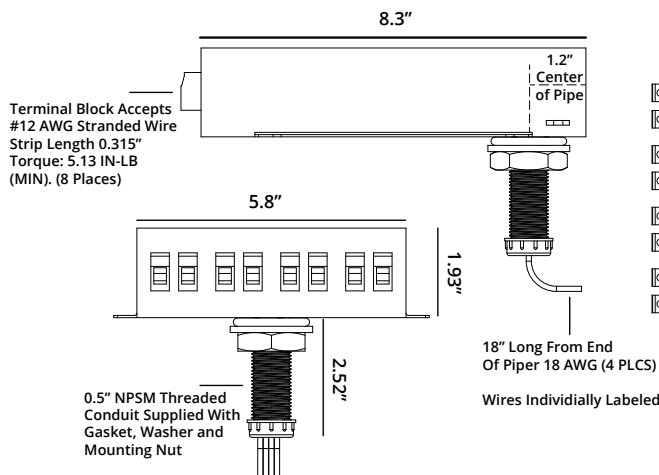
VEMI2 - 2-Port EMI Filter



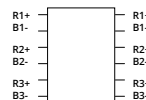
ELECTRICAL SCHEMATIC



VEMI4 - 4-Port EMI Filter



ELECTRICAL SCHEMATIC



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