

	CATALOG	
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JOB NAME

WATTAGE

Installation & Hardware

System to fixtures

UL, C-UL (Canada) Listings

**FIVE YEAR Limited Warranty** 

SmartLED<sup>™</sup> components

**IEC & FCC Compliance** 

Requires minimum 18 AWG twisted pair

Recesses in ceilings up to 1-1/8" thick

mounting brackets (2) supplied.

shielded wire from SmartLED™ MRI Lighting

Aluminum 27" hanger bars with adjustable

Wet, damp or dry locations, covered ceilings

Type IC: for direct contact with insulation

FCC Part 15 certified for EMI/RFI emissions

· Complete fixture, must be installed with all

Certified

VOLTAGE

MRR-06222

# SmartLED<sup>™</sup> MRI Lighting System

6" Open Appearance Adjustable

Up to 90,000 Hour Life • Type IC LM-80 Qualified • LM-79 Certified Photometry

### **Specifications**

### **Delivered System Performance**

- Lumens: -1500L (20W); 1500 nominal lumens
- Distribution: NFL standard; optional: -SPT, or -MFL
- Color temperature: 3500°K standard; optional: -27K, -30K, -41K, or -50K
- CRI: 80+ standard; optional: -HC (90+)
- 90,000 hour life (L70\*\*)
- Fully sustainable: removable for servicing

#### **Thermal Management System**

Aluminum heat sink and components for cool operation, long life, and low maintenance

#### **Center Beam Optics**

- Tilts up to 45°
- Rotates full 365° and locks in place
- Accommodates sloped ceilings up to 45°

#### SmartLED<sup>™</sup> MRI Lighting System Required

- Kirlin remote driver modules, cabinet, and RFI filters required for operation
- Components ordered separately, see below for driver information and MRI-CABNT for additional components

(Example: MRR-06222-1500L-30K-MFL)

 The MRI Configurator can help determine the necessary components SmartLED driver modules provide 0-10V dimming to 0.38%

#### SmartLED<sup>™</sup> Emergency Backup System

- EMI-21220 or EMI-03120 available for emergency power
- See specification sheet; order separately

#### Trim and Lens Assembly

- Clear specular aluminum self-flanged, low glare cone with lens above Optional colors and finishes available

#### Acrylic Enameled Aluminum Housing

- Rustproof and corrosion resistant: exceeds 1000 hour ASTM 5% salt spray test; all
- components fully sustainable
- Shallow depth for restricted plenums
- Cool operation extends component life
- Modular design; visible and fully serviceable through aperture
- Built-in plaster flange

#### **Outlet Box (Aluminum)**

UL listed J-box; prewired with 1/2" knockouts









Must Specify		Optional				
Model	Lumens	CCT & CRI	Beam	Trim & Lens Options	Other Options	
MRR-06222						
	-1500L	(Blank): 35K, 80+ CRI	(Blank): NFL	(Blank): Clear specular aluminum self-flanged cone with lens above	(Blank): None	
		80+ CRI	-SPT			
		- <b>27K:</b> 2700°K	-NFL	Trim Finishes	Other Options	
		- <b>30K:</b> 3000°K	-MFL	-30T: All white acrylic enameled cone -30F: White acrylic enameled cone flange	-99: Special modification; consult factory	
		- <b>35K:</b> 3500°K		- <b>30F:</b> Write acrylic enameled cone hange - <b>70T:</b> SofTex <sup>™</sup> semi-specular clear self-flanged		
		- <b>41K:</b> 4000°K		cone		
		-50K: 5000°K		-BGT: BioGard anti-microbial white		
		90+ CRI		-BKBG: BioGard anti-microbial black		
		-27K-HC: 2700°K		-94: Custom color; consult factory		
		-30K-HC: 3000°K		-94BG: BioGard anti-microbial custom color finish		
		- <b>35K-HC:</b> 3500°K		Other Trim Features		
		- <b>41K-HC:</b> 4000°K		-32: White trim extender, specify OD		
		- <b>50K-HC:</b> 5000°K		-45: Gasket between trim flange and ceiling		
*See note next page				Lens Options		
Proj for Kin In Open Plenu	ected L70** lin Luminaires m 90,00	0 hours		-WA: White acrylic (flat) diffuser instead; will produce wide flood distribution		
In Open Plenue In Insulation (1		0 hours 0 hours				

\*\*Hours at 70% lumen maintenance

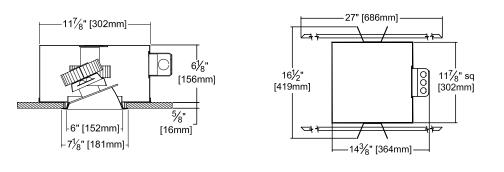
Kirlin Lighting | 3401 E. Jefferson Ave., Detroit, MI 48207-4232, USA | P: 313.259.6400 | www.kirlinlighting.com

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Photometry from I.T.L., Boulder, CO

### **Dimensions**

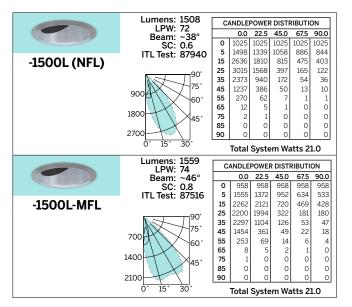


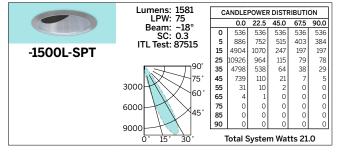
Ceiling Cut-out

61/2" Dia.

### **Photometry - Installed Complete Fixture**

LM-79 IESNA Certified Photometry from Independent Lab





\*LED manufacturers maintain a tolerance of +/-7% on flux (lumens) and power (electrical) measurements.

## SmartLED™ MRI Driver Modules

Fully Digital Controlled Power Source for LED Luminaires

Mounted in Kirlin's MRI-CABNT

Drivers wired in series



Driver Module	Maximum Capacity	Fixture Load Examples	
DVR-1400A	Up to Qty 2: 1500L Luminaires	<ul> <li>Qty 1: MRR-06222-1500L</li> <li>Qty 2: MRR-06222-1500L</li> <li>Qty 1: MRR-06205-1500L and Qty 1: MRR-06222-1500L</li> </ul>	

LIMITED WARRANTY: CATALOGED KIRLIN FIXTU The purchase price on presentation of proof of purchase and supplied to the buyer in place of all other warrantice, synesse written authorization from the manufacturer will render the w

, IN NORMAL USE. Man damages, direct or indirect, s abuse of the fixture, imprope

oper installation

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