

SmartLED™ MRI Lighting System

RGBW Shallow Lensed 6" Downlight

Create a patient-centric MRI experience with soothing, dynamic color scenes • Type IC

Specifications

Delivered System Performance

- Nominal lumens: **-750L**; see photometric data for specific color lumens
- Distribution: WFL
- Quad chip RGBW
- Fully sustainable: removable for servicing

Thermal Management System

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

SmartLED™ MRI Lighting System Required

- Kirlin DMX remote driver modules, cabinet, and RFI filters required for operation
- Components ordered separately, see [MRI-DMXPS](#)
- The [MRI Configurator](#) can help determine the necessary components

SmartLED™ Emergency Backup System

- [EMI-21220](#) or [EMI-03120](#) available for emergency power
- See specification sheet; order separately

Trim and Lens Assembly

- Tapered aluminum all white (field-paintable) smooth self-flanged trim
- Optional colors and finishes available
- Regressed tempered prismatic spread lens

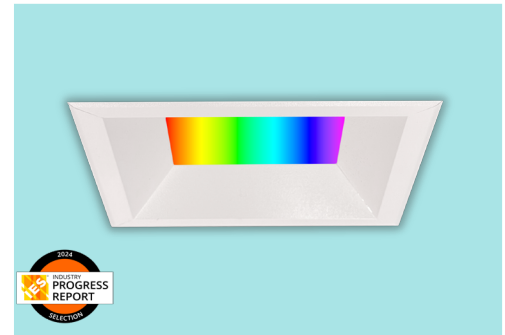
Acrylic Enameled Aluminum Housing

- 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

Color & Controls

- Quad chip RGBW LEDs provide rich color palette for full spectrum expression
- DMX control via Kirlin DMX wall panel [MRI-DMXWP](#)
- Wall panel ships preloaded with standard scene configuration and presets - consult factory for custom programs

MRS-06347



Installation & Hardware

- Requires minimum 18 AWG twisted pair shielded wire from SmartLED MRI driver modules, to filter, and included 35' RJ-45 cable from filter to luminaire
- Recesses in ceilings up to 1-1/4" thick or see Option -79
- Aluminum 27" hanger bars with adjustable mounting brackets (2) supplied.

UL, C-UL (Canada) Listings

- Wet, damp or dry locations, covered ceilings
- Type IC: for direct contact with insulation

IEC & FCC Compliance

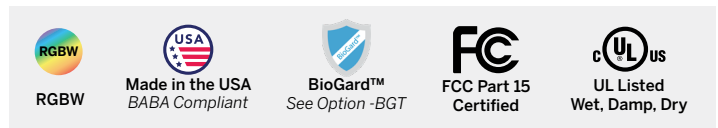
- FCC Part 15 certified for EMI/RFI emissions

FIVE YEAR Limited Warranty

- Complete fixture, must be installed with all SmartLED™ components

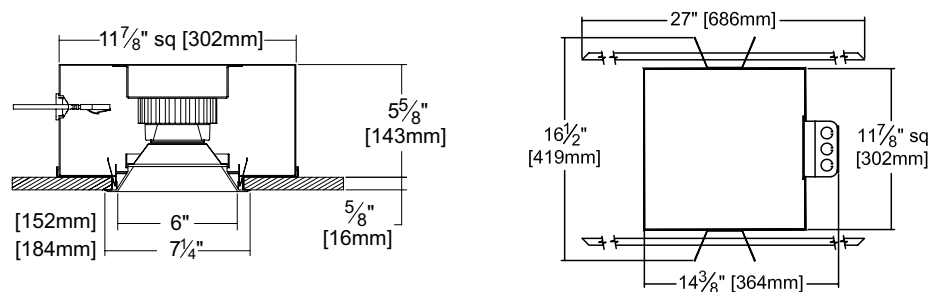
Options and Ordering Configuration

(Example: MRS-06347-1500L-RGB4-BGT)



Must Specify			Optional	
Model	Lumens	CCT & CRI	Trim & Lens Options	Other Options
MRS-06347				
	-750L	-RGB4: RGB + 4000K 80+ CRI	(Blank): White aluminum smooth self-flanged trim with lens above Trim Finishes -BGT: BioGard anti-microbial white -BKBG: BioGard anti-microbial black -94: Custom color; consult factory -94BG: BioGard anti-microbial custom color finish Other Trim Features -32: White trim extender, specify OD -45: Gasket between trim flange and ceiling -46: Gasket between trim and lens Lens Options -21: White translucent flat poly diffuser instead -23: White Frosted microprismatic lens instead -WA: White acrylic (flat) diffuser instead; will produce wide flood distribution	(Blank): None Mounting -79: Extension collar; ceilings up to 2" thick Other Options -99: Special modification; consult factory

LIMITED WARRANTY. CATALOGUE KILN/FURNACES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR FIVE YEARS FROM DATE OF PURCHASE. INSISTED TO N.E.C., IN NORMAL USE. Manufacturer at his option will replace or repair such fixture or relevant part thereof, at his expense, if found defective in workmanship or material, provided the purchase price on presentation of proof of purchase and defective fixture at the offices of manufacturer is limited to the original sum. Liability of manufacturer shall not be liable for any other damages, sustained or suffered by purchaser or any person. This warranty is given on the condition that the purchaser, or his agent, shall not have altered, modified, repaired, or misused the fixture without prior written consent of the manufacturer. Seller does not warrant as to merchantability or fitness for a particular use, nor will any oral statement constitute a warranty or amend this specific warranty. Abnormal use, abuse of the fixture, improper installation, or repair, or modification of the fixture without prior written consent of the manufacturer will void the warranty. Seller will not be liable for consequential or incidental damages. Seller will not be liable for the cost of removal of the fixture from the premises.



Photometry - Installed Complete Fixture

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

Dia. (in ft.) shown is where F value is half the FC at nadir.

FC Footcandles at nadir (0°)
Dia. Circle of light at 50% of FC

Dia. Circle of light at 50% of FC



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