KIRLIN HEALTHCARE LIGHTING

CATALOG #		TYPE
JOB NAME	WATTAGE	VOLTAGE

SmartLED™ MRI Lighting System

RGBW Lensed 6" x 10" Cylinder Downlight

Create a patient-centric MRI experience with soothing, dynamic color scenes • Surface, Pendant, or Wall Mount

MSR-06375

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

SmartLED™ Emergency Backup System
- EMI-21220 or EMI-03120 available for emergency power
- See specification sheet; order separately

Trim and Lens Assembly
- Seamless white self-flanged aluminum
- Optional colors and finishes available
- Regressed tempered prismatic spread distribution lens

Aluminum Housing
- Seamless white acrylic enameled finish
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test
- No visible cylinder hardware
- Cool operation: Extends life of all components
- Fully sustainable: Entire luminaire
- Lightweight: minimizes ceiling load

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

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
- Center point mounting for snug fit to ceiling
- Mounting hardware furnished
- 2"collar for surface J-box mount; see Option -80

UL, C-UL (Canada) Listings
- Damp or dry locations, covered ceilings

IEC & FCC Compliance
- FCC Part 15 certified for EMI/RFI emissions

FIVE YEAR Limited Warranty
- Complete fixture, must be installed with all SmartLED™ components

RGBW | Made in the USA *BABA Compliant* | BioGard™ *See Option -BGT* | FCC Part 15 Certified | UL Listed Wet, Damp, Dry

Options and Ordering Configuration

(Example: MSR-06375-1500L-RGB4-BGT-WB)

Must Specify			Optional		
Model	**Lumens**	**CCT & CRI**	**Trim & Lens Options**	**Mounting**	**Other Options**
MSR-06375					
	-750L	**-RGB4:** RGB + 4000K 80+ CRI	**(Blank):** White flat seamless aluminum one-piece housing with prismatic lens **Trim Finishes** **-35:** Silver (natural aluminum) acrylic enamel **-38:** Black acrylic enamel **-94:** Custom color; consult factory **-BGT:** BioGard™ anti-microbial white **Other Trim Features** **-46:** Gasket between trim and lens **Lens Options** **-13:** Clear flat polycarbonate below with prismatic flat lens above **-23:** Frosted microprismatic lens instead **-WA:** White acrylic (flat) diffuser instead; will produce wide flood distribution	**(Blank):** Mounting hardware for surface mount **-54:** Safety cable from fixture through pendant stem and 12" beyond; use with -PM **-80:** 2" collar for mounting beneath outlet box; ½" T.S. KO's **-87:** Custom pendant or cable length; specify length; use with Option -ASB, -ASW or -PM **-88:** Swivel canopy for sloped ceilings up to 40°; use with Option -PM **-ASB:** Aircraft cable pendant mount; black cord. 48" or see -87 **-ASW:** Aircraft cable pendant mount; white cord; 48" or see -87 **-PM:** Pendant mount. 8" stem or see Option -87 **-WB:** Wall bracket mount	**(Blank):** None **Other Options** **-99:** Special modification; consult factory

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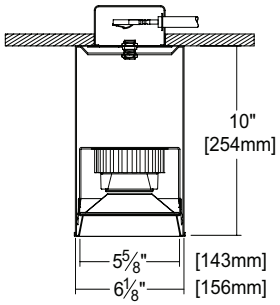
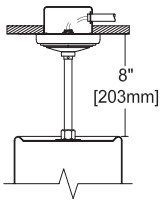
KIRLIN HEALTHCARE LIGHTING

Dimensions

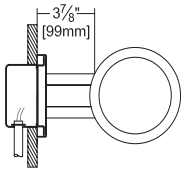




Representative Views:

(Left) With optional pendant mount (Option -PM)

(Right) With optional wall bracket (Option -WB)



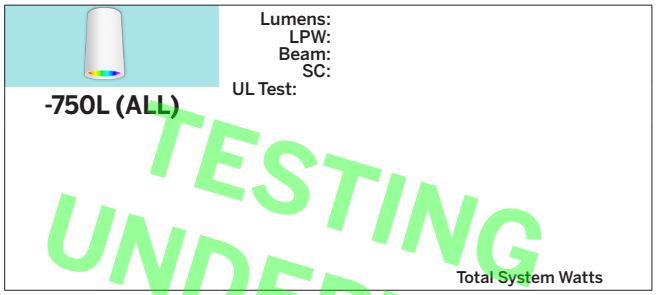
Photometry - Installed Complete Fixture

LM-79 IESNA Certified Photometry from Independent Lab

Photometry from UL Verification Services, Allentown, PA

▲ Cone of Light Key
Dia. (in ft.) shown is where FC value is half the FC at nadir.

Dist. Distance (Ft.) from fixture
FC Footcandles at nadir (0°)
Dia. Circle of light at 50% of FC



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

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTIED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR FIVE YEARS FROM DATE OF PURCHASE, INSTALLED TO N.E.C., IN NORMAL USE. Manufacturer at his option will replace or repair such fixture or refund the purchase price on presentation of proof of purchase and defective fixture at the offices of manufacturer within five years of original shipment. Liability of manufacturer is limited to the foregoing, and manufacturer shall not be liable for any other damages, direct or indirect, sustained or suffered by purchaser or any person. This warranty is supplied to the buyer in place of all other warranties, expressed or implied. 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 authorization from the manufacturer will render the warranty void.

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