KIRLIN HEALTHCARE LIGHTING

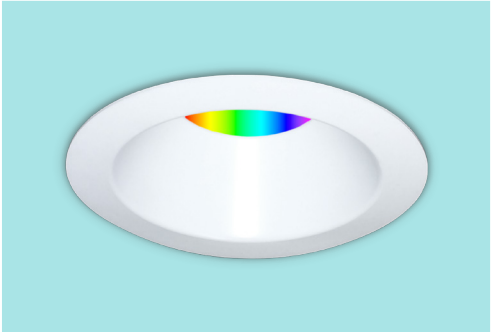
CATALOG #		TYPE
JOB NAME	WATTAGE	VOLTAGE

SmartLED™ MRI Lighting System

4" RGBW Open Appearance Downlight

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

MRR-04314



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
- White enamel 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

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

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: MRR-04314-1500L-RGB4-BGT)

Must Specify			**Optional**	
Model	**Lumens**	**CCT & CRI**	**Trim & Lens Options**	**Other Options**
MRR-04314				
	-750L	**-RGB4:** RGB + 4000K 80+ CRI	**(Blank):** All white acrylic enameled cone	**(Blank):** None
			Trim Finishes	**Mounting**
			-94: Custom color; consult factory	**-79:** Extension collar; ceilings up to 2" thick
			-BGT: BioGard™ anti-microbial white	**Other Options**
			Other Trim Features	**-99:** Special modification; consult factory
			-32: White trim extender, specify OD	
			-45: Gasket between trim flange and ceiling	
			Lens Options	
			-23: Frosted microprismatic lens instead	
			-WA: White acrylic (flat) diffuser instead; will produce wide flood distribution	

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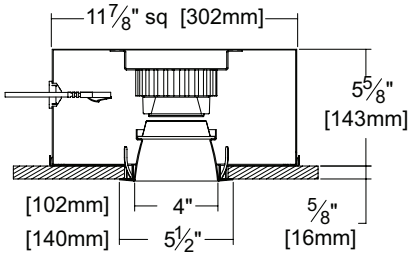
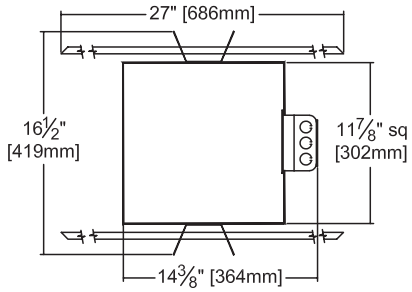
KIRLIN HEALTHCARE LIGHTING

Dimensions





Ceiling Cut-out
5" Dia.

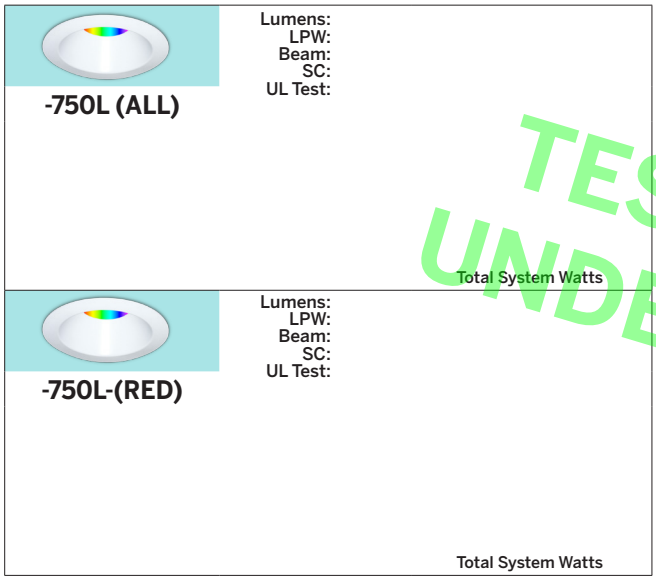
Photometry - Installed Complete Fixture

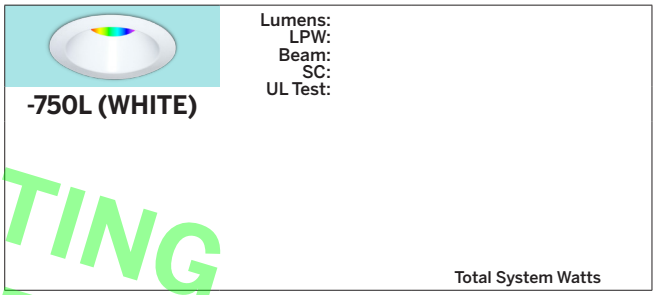
LM-79 IESNA Certified Photometry from Independent Lab

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





TESTING UNDERWAY

*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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