SmartLED™ MRI Lighting System

2.5" RGBW Recessed Linear Accent Light

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

MRL-02CCM

Specifications

Luminaire Features
- Remote driver, MRI-safe, low voltage linear accent light
- Shallow extruded aluminum housing; white finish standard, or see options below
- Non-ferromagnetic construction for accurate MRI scans

SmartLED™ MRI System Components
- 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

Trim/Lens
- ½" flanged trim
- Impact-resistant extruded lens with integral snap and diffusion mounting features, uniform distribution
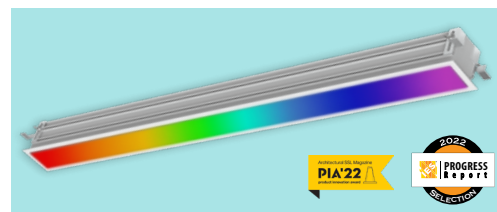
Installation
- Mounts to grid ceiling, or see Option -NCB for installation in a hard ceiling
- Requires minimum 18 AWG twisted pair shielded wire from SmartLED MRI driver modules, to filter, and included 35' RJ-45 cable from filter to luminaire

Color & Controls
- Quad chip RGBW LEDs provide rich color pallette 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

SmartLED™ Emergency Backup System
- **EMI-21220** or **EMI-03120** available for emergency power

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

FCC Compliance
- SmartLED™ system meets FCC Part 15 certification, see **MRI-DMXPS**

Five Year Limited Warranty
- Complete fixture, must be installed with all SmartLED™ components

Declare.

Made in the USA
BABAA Compliant

RGBW
RGBW

BioGard™
See Option -BG

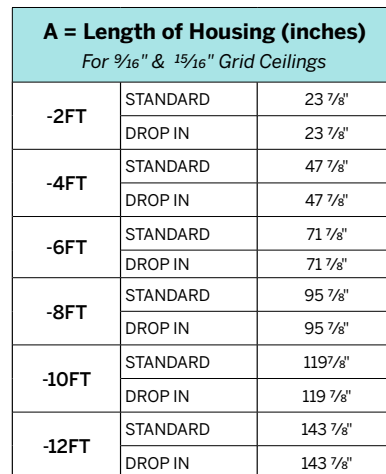**UL Listed
Damp, Dry**

Options and Ordering Configuration

(Example: MRL-02CCM-8FT-DD-RGB4-DMX-TG-35T)

Must Specify						Optional	
Model	**Length**	**Beam**	**Output**	**Controls**	**Mounting**	**Trim Options**	**Other Options**
MRL-02CCM							
	-2FT **-4FT** **-6FT** **-8FT** **-10FT** **-12FT** **-14FT** **-16FT** *Consult factory for longer lengths*	**-DD:** Direct distribution	**-RGB4:** RGB + 4000K 80+ CRI	**-DMX***	**-NCB:** New construction mounting bracket for hard ceiling installation **-TG:** T-grid ceiling mounting	**(Blank):** Standard white enamel trim with diffusing lens **Trim Finishes** **-35T:** Silver enamel **-37T:** Dark bronze enamel **-38T:** Black enamel **-BG:** BioGard anti-microbial white **-BKBG:** BioGard anti-microbial black **-94:** Custom color; consult factory **-94BG:** BioGard anti-microbial custom color finish **Other Trim/Lens Features** **-45:** Gasket between trim & ceiling	**(Blank):** None **-99:** Special modification; consult factory
				*Note: For MRI use, remote DMX drivers, cabinet, controller, and MRI filters must be used.			

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

MRL-02CCM

Dimensions (4 ft length shown)

2½"   3½"

3¾"

A

Length of Housing

A = Length of Housing (inches) *For ⁹⁄₁₆" & ¹⁵⁄₁₆" Grid Ceilings*		
-2FT	STANDARD	23 ⁷⁄₈"
	DROP IN	23 ⁷⁄₈"
-4FT	STANDARD	47 ⁷⁄₈"
	DROP IN	47 ⁷⁄₈"
-6FT	STANDARD	71 ⁷⁄₈"
	DROP IN	71 ⁷⁄₈"
-8FT	STANDARD	95 ⁷⁄₈"
	DROP IN	95 ⁷⁄₈"
-10FT	STANDARD	119⁷⁄₈"
	DROP IN	119 ⁷⁄₈"
-12FT	STANDARD	143 ⁷⁄₈"
	DROP IN	143 ⁷⁄₈"

STANDARD = *Installed occupancy side, flange fully visible from below*

DROP IN = *Installed plenum side, flange mostly contained behind grid*

Photometry - Installed Complete Fixture

LM-79 IESNA Certified Photometry from Light Labs, International

Photometry from L.L.I., Allentown, PA

-2FT (Red LED)
Lumens: 189.5
Lumens/ft: 94.75
Wattage: 5.90
LPW: 32.1
Beam: 72.6°
LLI Test: 1792-07

-2FT (Green LED)
Lumens: 446.0
Lumens/ft: 223
Wattage: 6.93
LPW: 64.4
Beam: 75.8°
LLI Test: 1792-08

-2FT (Blue LED)
Lumens: 134.0
Lumens/ft: 67
Wattage: 7.51
LPW: 17.8
Beam: 75.4°
LLI Test: 1792-09

-2FT (White LED)
Lumens: 401.1
Lumens/ft: 200.55
Wattage: 7.68
LPW: 52.2
Beam: 73.4°
LLI Test: 1792-10

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