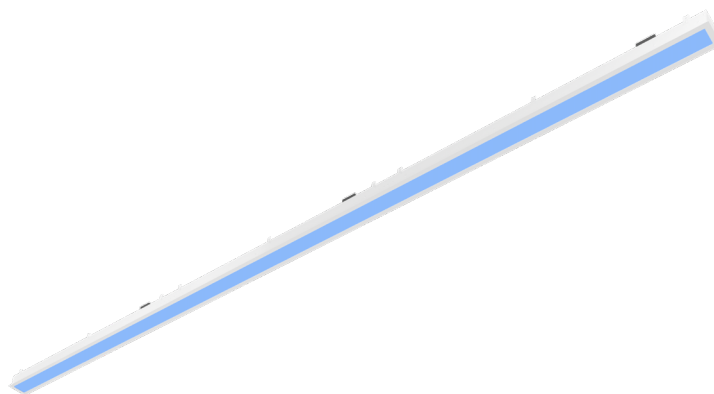


RGBW LED Linear Recessed Slot Light

MRI Compatible

Product Description

The RGBW LED Linear Recessed Slot Lights are designed for MRI suite applications and with a non-ferrous assembly which can be mounted within the MRI room. Consult factory for custom shapes. Contains no on-board electronics therefore will not interfere with MRI imaging. Certified to meet MRI vendor EMI requirements. MRI applications require EMI free emissions for specific frequency bands. All drive circuitry employs linear regulation and no pulse width modulation (PWM*).



Performance Summary

- Input Power: 150 watts
- Limited Warranty: 5 years
- Lifetime: Designed to last 50,000 hours
- Dimming: 1% Linear

Mechanical

	Minimum	Typical	Maximum	Units
Package	-	LED Strip	-	-
Electrical Connection	-	Junction Box	-	-
Dimensions	-	6 1/2"W x 6 7/16"D x 19'-10 3/8"L	-	inches
Fixture Weight	-	25	-	lbs

Electrical (per Section)

	Minimum	Typical	Maximum	Units
Input Voltage	-	12	-	Vdc
Input Current	-	-	12.5	A
Input Power	-	-	150	W
Heat	-	-	512	BTU/h

Compliance

	Minimum	Typical	Maximum	Units
IP	25	-	-	Dry Location
Regulatory	-	Listed	-	UL 2108 CSA 22.2#250.2
RoHS	-	Pending	-	2011/65/EU 2015/863

Environmental

	Minimum	Typical	Maximum	Units
Storage Temperature	-40	25	85	C
Operating Temperature	-20	25	-	C
Humidity	5	-	95	%
Lifespan	50000	-	-	Hours
Warranty	-	3	-	Years

Installation Notes

An RF Filter is required for proper operation in the MRI suite

A Power Supply is required for proper operation in the MRI suite

*PWM is known to cause image artifacts, audible noise and light flicker

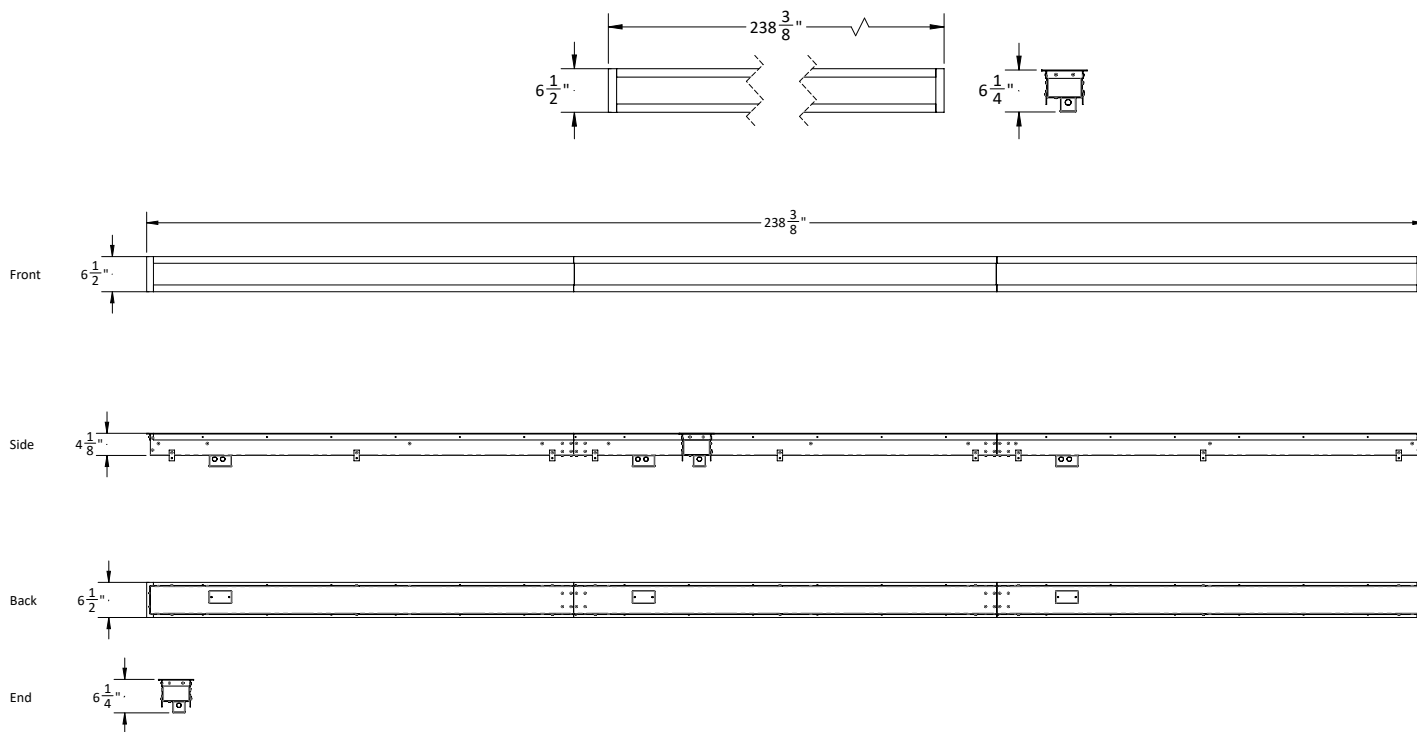
Photometric Data

Photometric (RGB)				
	Minimum	Typical	Maximum	Units
Lumen	-	350*	-	lm
Luminous Intensity (Red) mcd/LED	400	-	-	mcd/LED
Luminous Intensity (Green) mcd/LED	900	-	-	mcd/LED
Luminous Intensity (Blue) mcd/LED	300	-	-	mcd/LED
Wavelength (Red)	-	620	-	nm
Wavelength (Green)	-	520	-	nm
Wavelength (Blue)	-	460	-	nm
Efficacy	-	29	-	lm/W
Viewing Angle	-	120	-	deg

*350lm with all RGB LED's full on with no diffuser.

Photometric (White)				
	Minimum	Typical	Maximum	Units
Luminous Flux (per section)	-	various	-	lm
CCT	-	5000K	-	k
CRI	80	-	-	-
Chromaticity (u')	-	TBD	-	-
Chromaticity (v')	-	TBD	-	-
Efficacy	-	TBD	-	lm/W

Mechanical Dimensions*†



* For informational purposes only. Content subject to change.

† Standard dimensions shown, contact factory for custom lengths.