

RGB LED Straight Cove Lighting

MRI Compatible

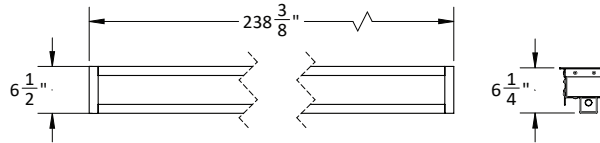


Product Description

The RGB LED Straight Cove 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: 23 watts
Limited Warranty: 3 years
Lifetime: Designed to last 50,000 hours
Dimming: Linear



1-07-000012



Mechanical

	Minimum	Typical	Maximum	Units
Package	-	LED Strip	-	-
Electrical Connection	-	Junction Box	-	-
Dimensions	-	6.75W x 6 3/8D	-	inches
Fixture Weight	-	23	-	lbs

Electrical (per Section)

	Minimum	Typical	Maximum	Units
Input Voltage	-	12	-	Vdc
Input Current	-	1.9	-	A
Input Power	-	23	-	W
Heat	-	78	-	BTU/h

Compliance

	Minimum	Typical	Maximum	Units
IP	25	-	-	Dry Location
Regulatory	-	Listed	-	UL 2108 CSA 22.2#250.0
RoHS	-	Pending	-	2011/65/EU

Environmental

	Minimum	Typical	Maximum	Units
Storage Temperature	-40	25	85	C
Operating Temperature	-20	25	35	C
Humidity	5	-	95	%
Lifespan	50000	-	-	Hours
Warranty	3	-	-	Years

Installation Notes

- A PDC RF Filter is required for proper operation in the MRI suite
- A PDC Power Supply is required for proper operation in the MRI suite
- *PWM is known to cause image artifacts, audible noise and light flicker



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Photometric Data and IES Distribution

Photometric				
	Minimum	Typical	Maximum	Units
Luminous Intensity (Red)/LED	400	-	-	mcd
Luminous Intensity (Green)/LED	900	-	-	mcd
Luminous Intensity (Blue)/LED	300	-	-	mcd
Wavelength (Red)	-	620	-	nm
Wavelength (Green)	-	520	-	nm
Wavelength (Blue)	-	460	-	nm
Viewing Angle	-	120	-	deg

Mechanical Diagram

