

RGB LED Curved Cove Lighting

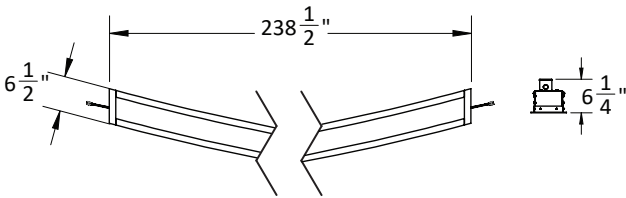
MRI Compatible



Product Description

The RGB LED Curved Cove Lights are designed for MRI suite applications with a non-ferrous assembly which can be mounted in recessed applications 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



Mechanical				
	Minimum	Typical	Maximum	Units
Package	-	LED Strip	-	-
Electrical Connection	-	Junction Box	-	-
Dimensions	-	6.75W x 6.375D	-	inches
Fixture Weight	-	21.5	-	lbs per Section

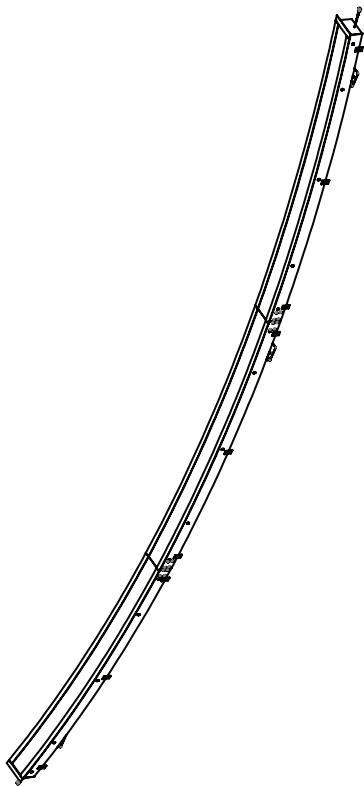
Electrical (per Section)				
	Minimum	Typical	Maximum	Units
Input Voltage	-	12	-	Vdc
Input Current	-	1.9	-	A
Input Power	-	23	-	W
Heat	-	78	-	BTU/h

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 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	

1-07-000011



PDC Specification Submittal	
Job Name:	
Job Number:	
Model Numbers:	Fixture Type:



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

