

# LP6 Low Profile 6 inch Can Light 3500K MRI Compatible



## Product Description

The LP6 light fixture is designed for MRI suite applications and has a non-ferrous assembly which can be mounted within the MRI room. The LP6 is supplied with a junction box and requires no additional housing or can for low-profile recessed applications. 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

Initial Delivered Lumens: 1800 lm

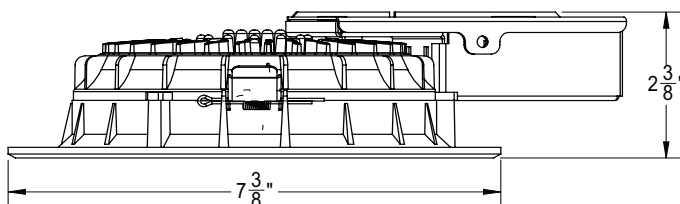
Input Power: 19 watts

CCT: 3500K

Limited Warranty: 3 years

Lifetime: Designed to last 50,000 hours

Dimming: Linear

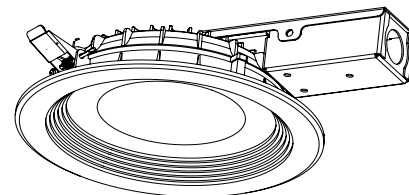


1-07-000005

Ethernet Wiring

1-07-000006

24V Wiring



### Mechanical

	Minimum	Typical	Maximum	Units
Package	-	Self-Contained	-	ANSI Std.
Electrical Connection	-	Junction Box	-	ANSI Std.
Fixture Weight	-	1.1	-	lbs

### Installation

	Minimum	Typical	Maximum	Units
Ceiling Thickness	-	-	0.625	in.
Ceiling Cut-out	-	-	6.5	in.

### Electrical

	Minimum	Typical	Maximum	Units
Input Voltage	-	24	-	Vdc
Input Current	-	790	-	mA
Input Power	-	19	-	W
BTU	-	65	-	BTU/hr

### Compliance

	Minimum	Typical	Maximum	Units
IP	-	20	-	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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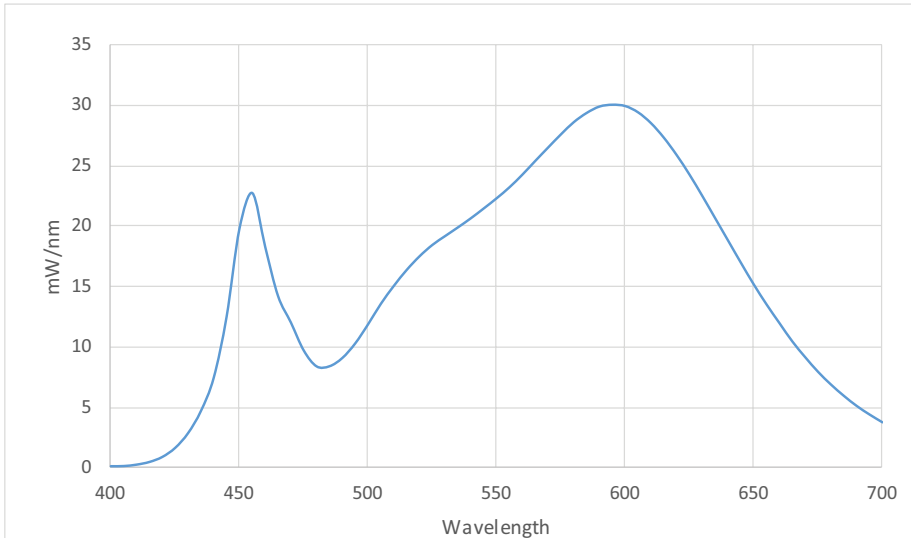
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# Photometric Data and IES Distribution

Photometric				
	Minimum	Typical	Maximum	Units
Luminous Flux	-	1800	-	lm
CCT	-	3500	-	k
CRI	80	-	-	
Chromaticity (u')	-	0.232	-	
Chromaticity (v')	-	0.514	-	
Efficacy	-	94.73	-	lm/W

### Spectral Data Over Visible Wavelength



### Polar Plot

