

LP6 Low Profile 6 inch Can Light 4000K 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: 1400 lm

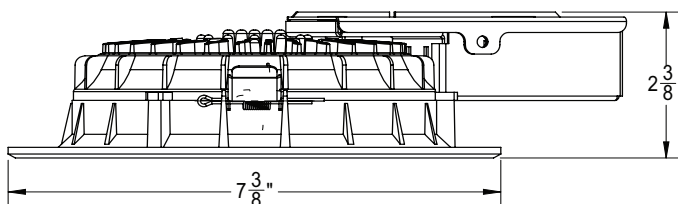
Input Power: 17 watts

CCT: 4000K

Limited Warranty: 3 years

Lifetime: Designed to last 50,000 hours

Dimming: Linear

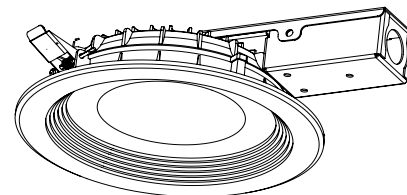


1-07-000039

Ethernet Wiring

1-07-000037

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	-	24.4	-	Vdc
Input Current	-	700	-	mA
Input Power	-	17.07	-	W
BTU	-	58.24	-	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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Intertek

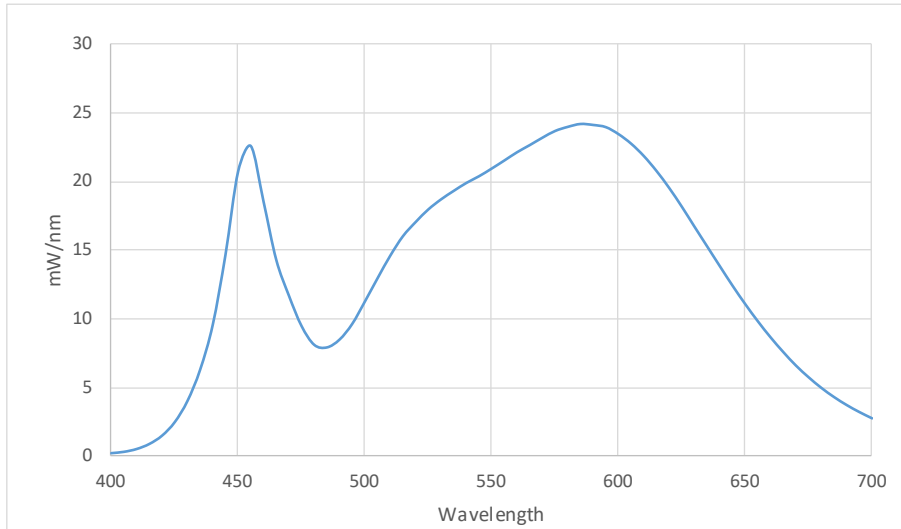
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Photometric Data and IES Distribution

Photometric				
	Minimum	Typical	Maximum	Units
Luminous Flux	-	1484	-	lm
CCT	-	4181	-	k
CRI	80	-	-	-
Chromaticity (u')	-	0.218	-	-
Chromaticity (v')	-	0.507	-	-
Efficacy	-	86.94	-	lm/W

Spectral Data Over Visible Wavelength



Polar Plot

