

LP6 Low Profile 6" 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. It can be mounted directly into a dry wall ceiling or a suspended ceiling grid using the optional Suspended Ceiling Mounting Bracket Assembly. 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: 5 years

Lifetime: Designed to last 50,000 hours

Dimming: Linear



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	-	700	-	mA
Input Power	-	17	-	W
BTU	-	58.24	-	BTU/hr

Environmental

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

Installation Notes

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

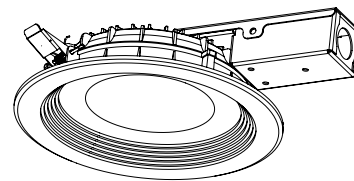
A Power Supply is required for proper operation in the MRI suite

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

LP6 Low Profile

1-07-000039 - Ethernet Wiring Assembly

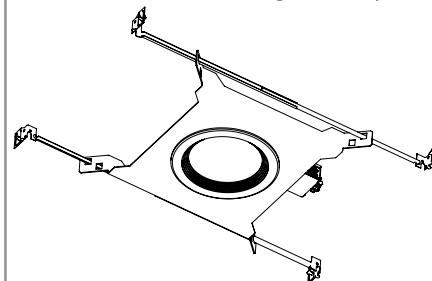
1-07-000037 - 24Vdc Wiring Assembly



Suspended Ceiling Mounting Bracket Assembly

1-07-000134 - Ethernet Wiring Assembly

1-07-000135 - 24Vdc Wiring Assembly



PDC Specification Submittal

Job Name:

Job Number:

Model Numbers:

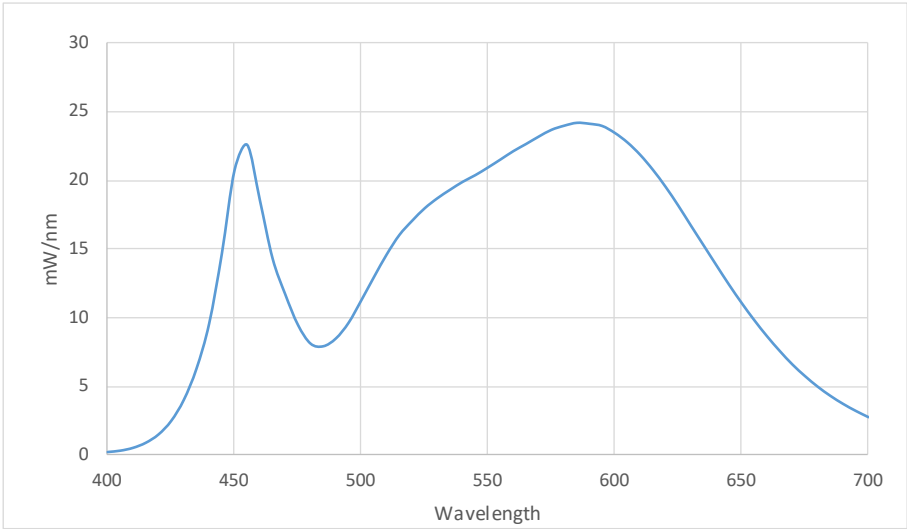
Fixture Type:

Compliance				
	Minimum	Typical	Maximum	Units
IP	-	20	-	Dry Location
Regulatory	-	Listed	-	UL 2108 CSA 22.2#250.0
RoHS		Compliant		2011/65/EU 2015/863

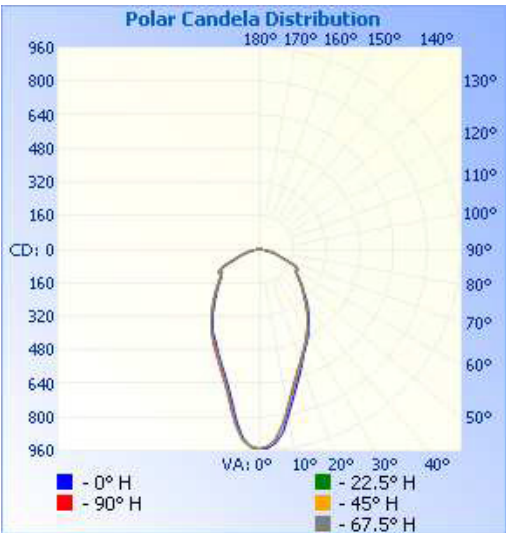
Photometric Data and IES Distribution

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



Mounting Option - Suspended Ceiling Mounting Bracket Assembly

The LP6 can be installed in a suspended ceiling grid using the optional Suspended Ceiling Mounting Bracket Assembly. Ensure the existing grid is capable of supporting the weight of the luminaire.

- Easy and versatile installation.
- Can be installed directly to an existing Suspended Ceiling Grid.
- Requires minimal tools and construction making it a quick and easy install in the MRI room.

