

LPD - Low Profile Directional Recessed LED Luminaire 3500K MRI Compatible

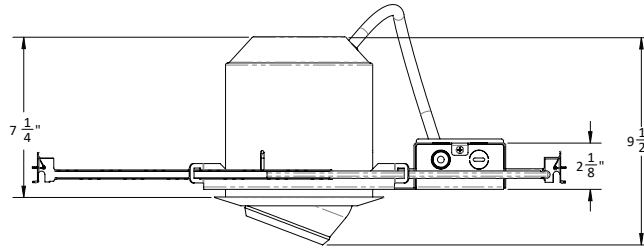


Product Description

The LPD - Low Profile Directional Recessed LED Luminaire is a non-ferrous, direct current (DC) adjustable LED Lamp specifically designed to provide increased directional lighting for procedures on the MRI Table. 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: 1350 lm
Input Power: 12 watts
CCT: 3500K
Limited Warranty: 3 years
Lifetime: Designed to last 50,000 hours
Dimming: Linear



1-07-000105 - Ethernet Wiring

1-07-000106 - DC Wiring



Mechanical

	Minimum	Typical	Maximum	Units
Package	-	6" Can	-	-
Electrical Connection	-	Flying Leads / Ethernet Wiring	-	-
Fixture Weight	-	3.0	-	lbs

Electrical

	Minimum	Typical	Maximum	Units
Input Voltage	-	36	-	VDC
Input Current	-	350	-	mA
Input Power	-	12	-	W
BTU	-	41	-	BTU/hr

Compliance

	Minimum	Typical	Maximum	Units
IP	20	25	-	Dry Location
ETL/UL	-	Enclosure Rated	-	UL-8750/2108
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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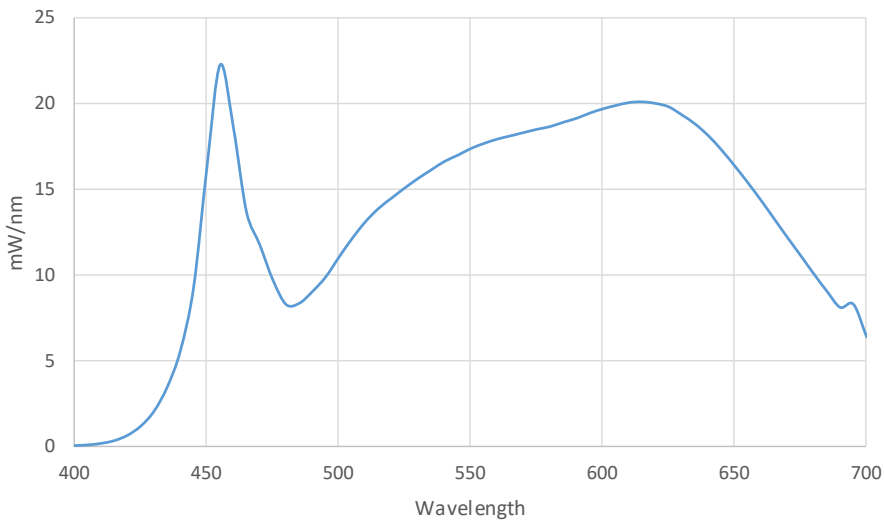
Intertek

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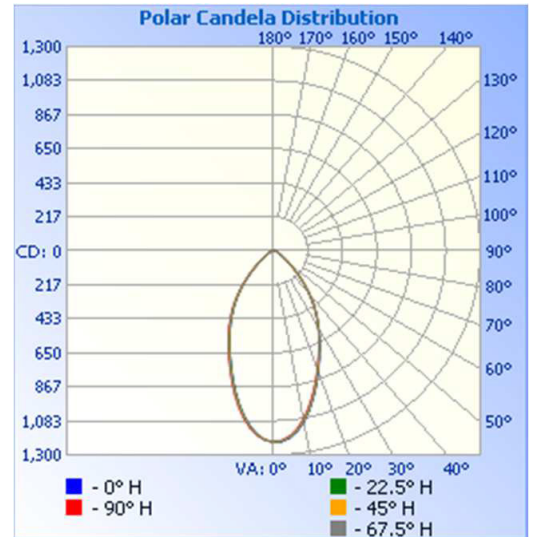
Date Revised: 2019.01.16

Photometric				
	Minimum	Typical	Maximum	Units
Luminous Flux	-	1347	-	lm
CCT	-	3500	3883	k
CRI	80	-	-	-
Chromaticity (u')	-	0.226	-	-
Chromaticity (v')	-	0.506	-	-
Efficacy	-	98.32	-	lm/W

Spectral Data Over Visible Wavelength



Polar Plot



Mechanical Detail

