

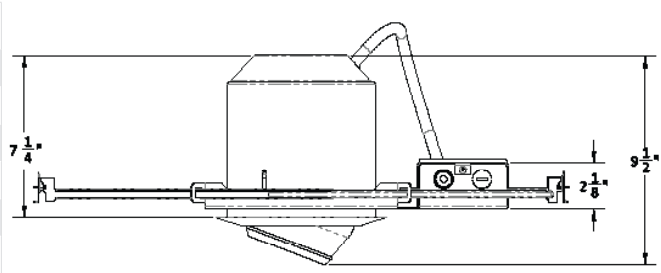
# LPD - Low Profile Directional Recessed LED Luminaire 4000K MRI Compatible



## 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: 1650 lm	
Input Power: 12 watts	
CCT: 4000K	
Limited Warranty: 5 years	
Lifetime: Designed to last 50,000 hours	
Dimming: Linear	



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	-	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	

1-07-000035 - Ethernet Wiring  
1-07-000027 - DC Wiring



## PDC Specification Submittal

Job Name:	
Job Number:	
Model Numbers:	Fixture Type:

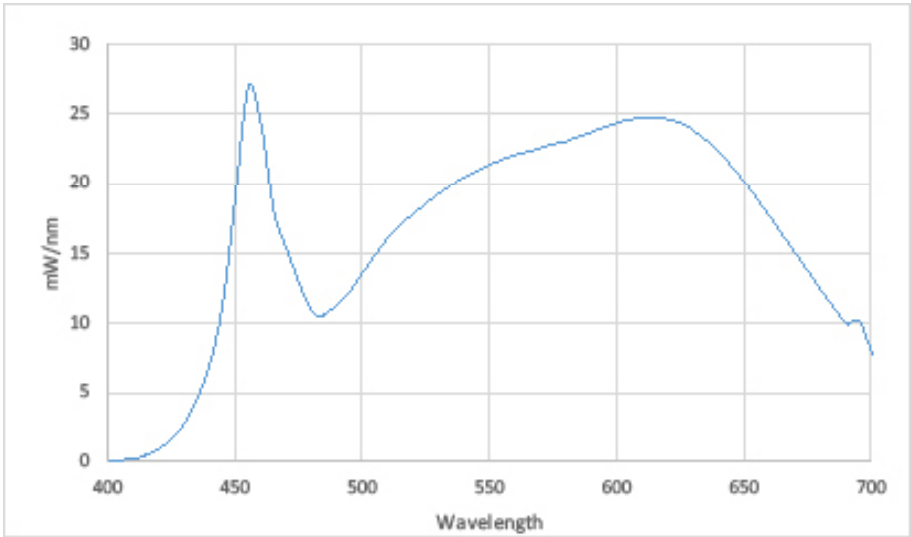


Intertek

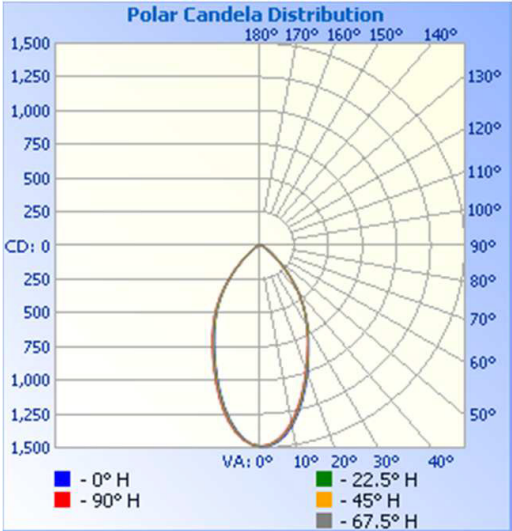
# Photometric Data and IES Distribution

Photometric	Minimum	Typical	Maximum	Units
Luminous Flux	-	1659	-	lm
CCT	-	3900	4000	k
CRI	80	-	-	-
Chromaticity (u')	-	0.226	-	-
Chromaticity (v')	-	0.505	-	-
Efficacy	-	95.79	-	lm/W

Spectral Data Over Visible Wavelength



Polar Plot



# Mechanical Detail

