

# DL6 Recessed Luminaire

## MRI Compatible



### Product Description

The DL6 Recessed Luminaire is designed for MRI suite applications and has a non-ferrous assembly which can be mounted within the MRI room. The DL6 is available in color temperatures of 30, 35 and 40K and comes equipped with either DC or Ethernet wiring. The DL6 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: 2900lm

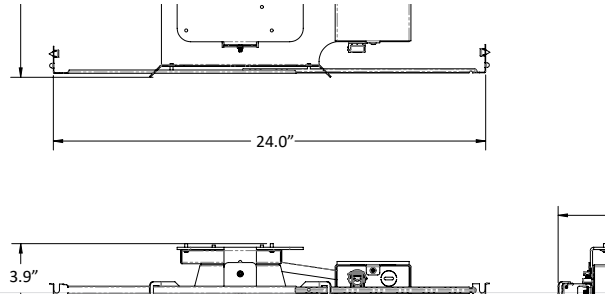
Input Power: 24 Watts

CCT: 3000K- 4000K

Limited Warranty: 3 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	-	< 2	-	lbs

#### Electrical

	Minimum	Typical	Maximum	Units
Input Voltage	-	34	-	Vdc
Input Current	-	700	-	mA
Input Power	-	24	-	W
BTU	-	81	-	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

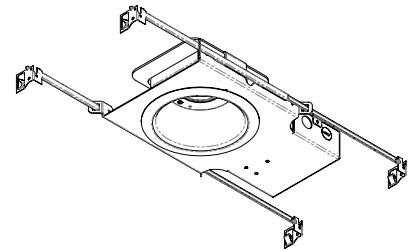
#### Installation Notes

A 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

- 1-07-000158 - 30K Ethernet Wiring
- 1-07-000159 - 30K DC Wiring
- 1-07-000160 - 35K Ethernet Wiring
- 1-07-000161 - 35K DC Wiring
- 1-07-000162 - 40K Ethernet Wiring
- 1-07-000163 - 40K DC Wiring



#### PDC Specification Submittal

Job Name:

Job Number:

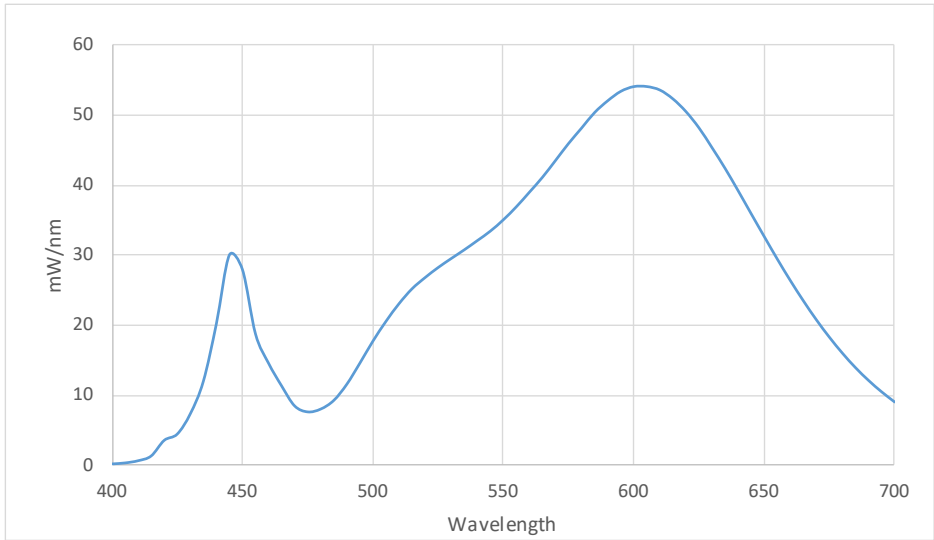
Model Numbers:

Fixture Type:

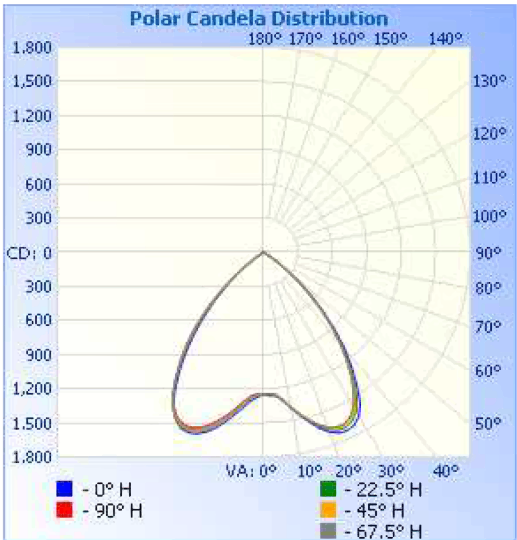
# Photometric Data and IES Distribution

Photometric				
	Minimum	Typical	Maximum	Units
Luminous Flux	-	2900	-	lm
CCT	-	3000	-	k
CRI	80	-	-	Ra
Chromaticity (u')	-	0.248	-	
Chromaticity (v')	-	0.522	-	
Efficacy	-	119.9	-	lm/W
*3500K and 4000K options available				

Spectral Data Over Visible Wavelength



Polar Plot



# Mechanical Dimensions

