A21 LED Lamp 3500K
MRI Compatible

PDC

Product Description

The A21 LED Lamp delivers up to 1800 lumens of soft white light. These lamps feature a consistent and balanced omni-directional light source. A21 LED Lamps offer exceptionally cool operation for long LED lifetime and color stability. These lamps provide a consistent and balanced light source and were designed specifically for use in MRI scan rooms. Contains no on-board electronics to 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*).

1-07-000019

Performance Summary

Initial Delivered Lumens: 1800 lm
Input Power: 17 watts
CCT: 3500K
Limited Warranty: 3 years
Lifetime: Designed to last 50,000 hours
Dimming: Linear

3"

5 3/4"
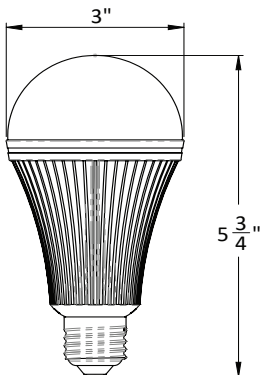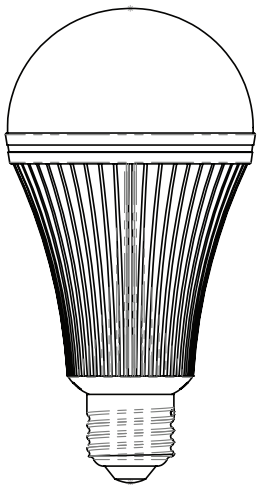
Mechanical

	Minimum	Typical	Maximum	Units
Package	-	A21	-	-
Electrical Connection	-	E26	-	-
Fixture Weight	-	0.4	-	lbs

Electrical

	Minimum	Typical	Maximum	Units
Input Voltage	-	24	-	Vdc
Input Current	-	700	-	A
Input Power	-	17	-	W
BTU	-	58	-	BTU/hr
Wiring	-	E26	-	

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	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

PDC Specification Submittal

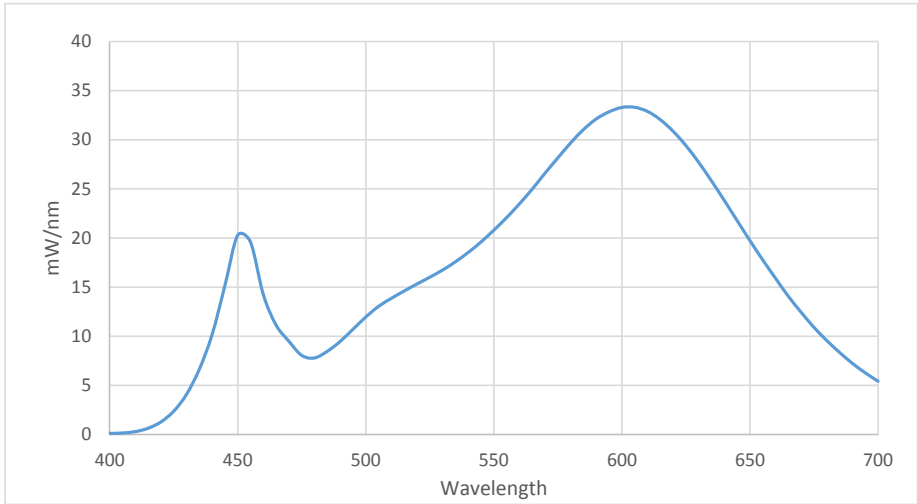| Job Name: |
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Job Number:

Model Numbers:	Fixture Type:

ETL LISTED
Intertek

Date Revised: 2022.03.02

Photometric Data and IES Distribution

Photometric

	Minimum	Typical	Maximum	Units
Luminous Flux	-	1800	-	lm
CCT	3100	3500	-	k
CRI	80	-	-	
Chromaticity (u')	-	0.248	-	
Chromaticity (v')	-	0.514	-	
Efficacy	-	105	-	lm/W

Spectral Data Over Visible Wavelength

Polar Plot

Date Revised: 2022.03.02