

# A21 LED Lamp 4000K

## MRI Compatible



### Product Description

The A21 LED Lamp delivers up to 1980 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\*).

#### Performance Summary

Initial Delivered Lumens: 1980 lm

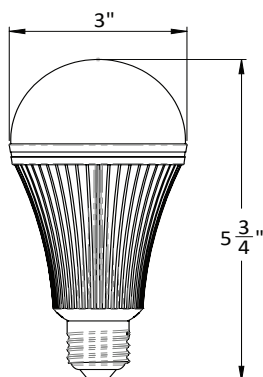
Input Power: 17 watts

CCT: 4000K

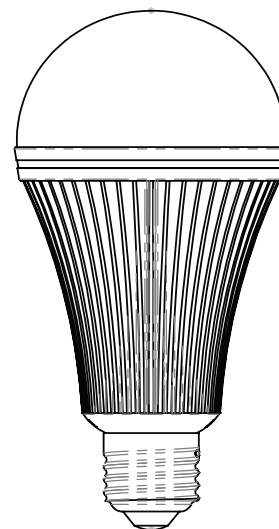
Limited Warranty: 3 years

Lifetime: Designed to last 50,000 hours

Dimming: Linear



1-07-000091



#### Mechanical

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

#### Electrical

	Minimum	Typical	Maximum	Units
Input Voltage	-	25	-	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	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

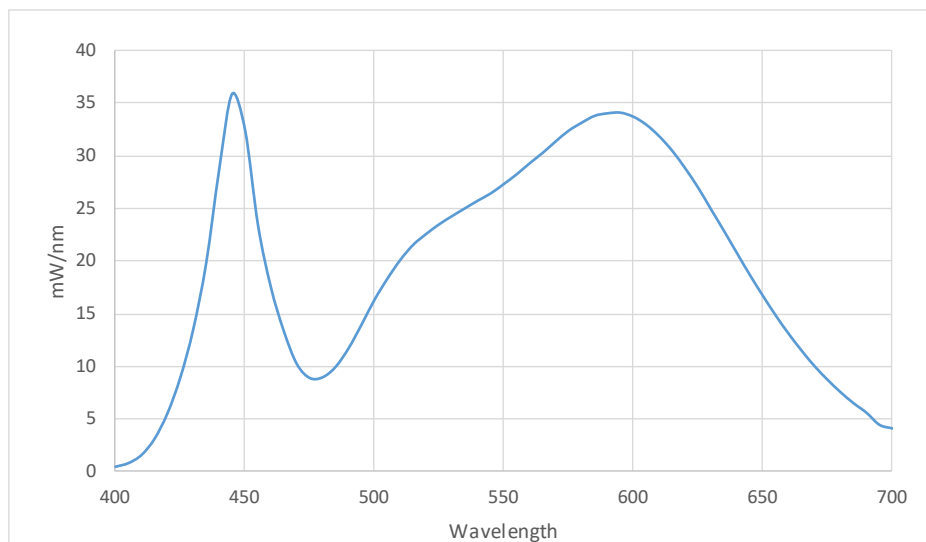
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# Photometric Data and IES Distribution

Photometric				
	Minimum	Typical	Maximum	Units
Luminous Flux	-	1980	-	lm
CCT	-	4000	-	k
CRI	80	-	-	-
Chromaticity (u')	-	0.225	-	-
Chromaticity (v')	-	0.498	-	-
Efficacy	-	112.3	-	lm/W

### Spectral Data Over Visible Wavelength



### Polar Plot

