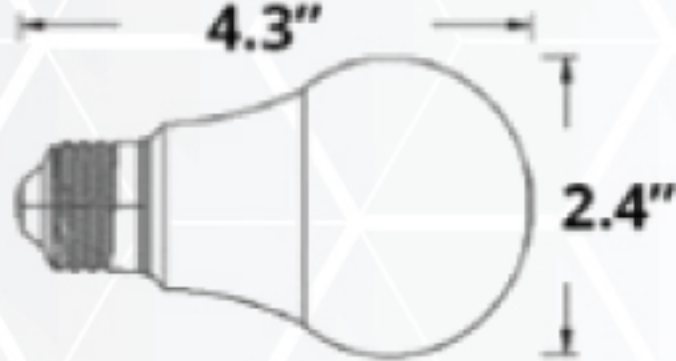
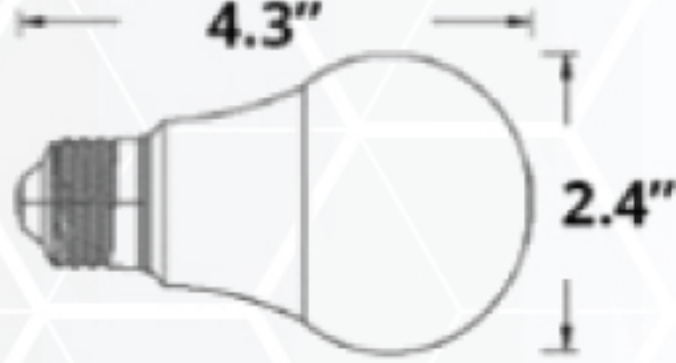
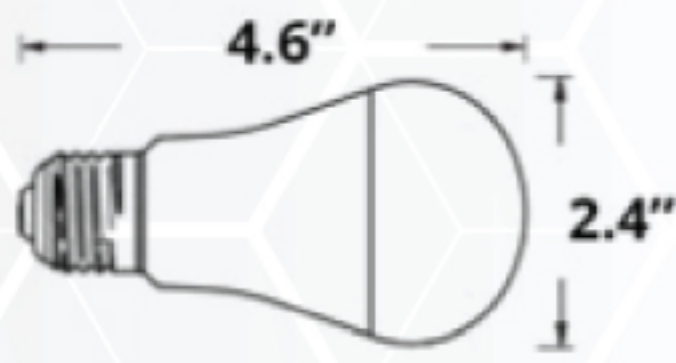
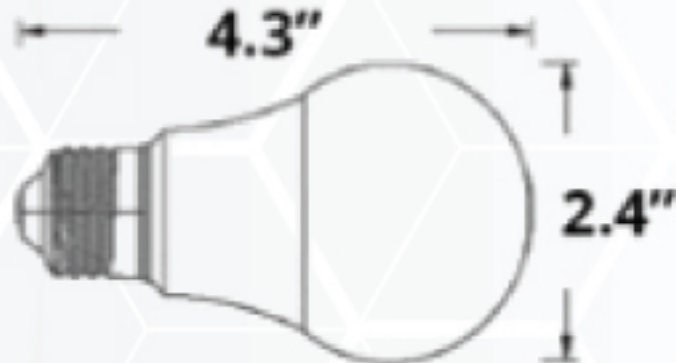
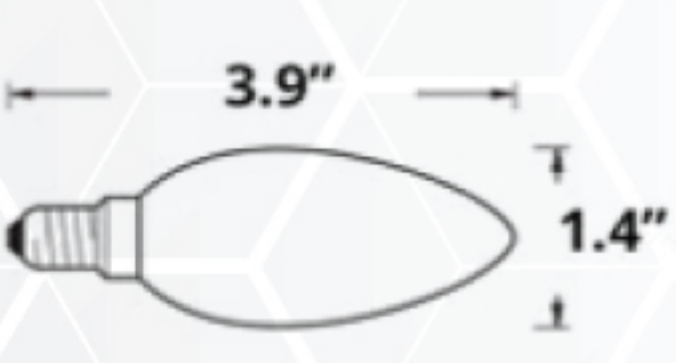
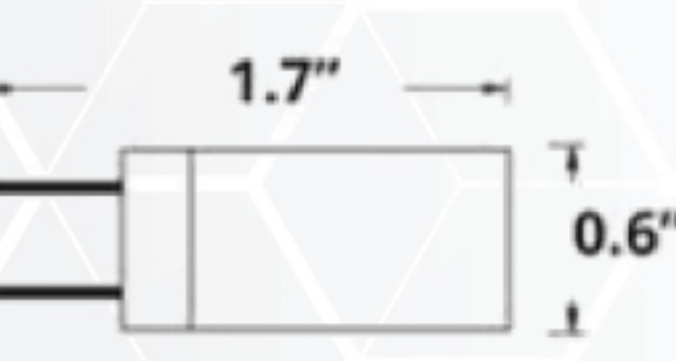
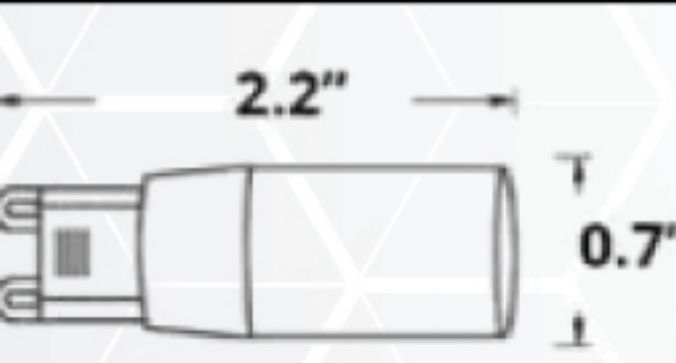


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LED BULBS

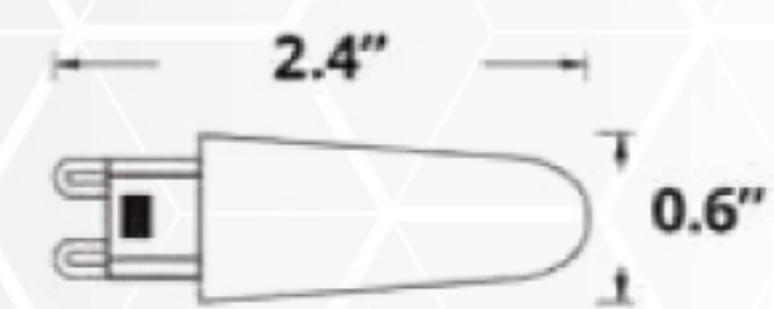
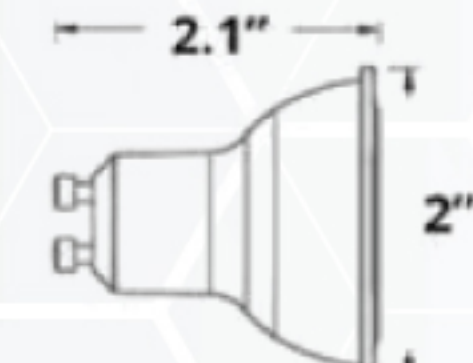
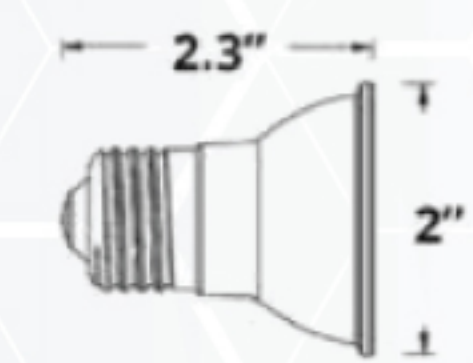
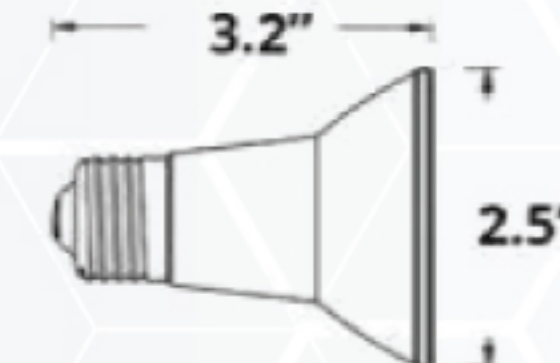
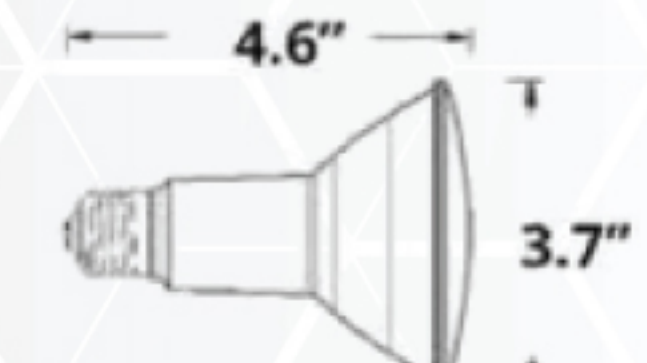
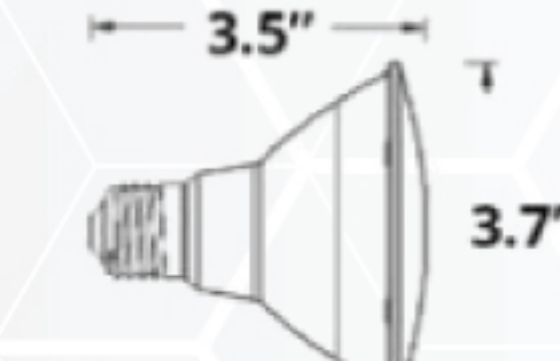
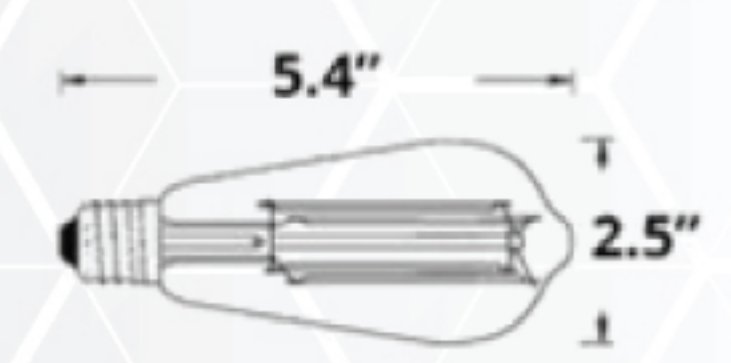
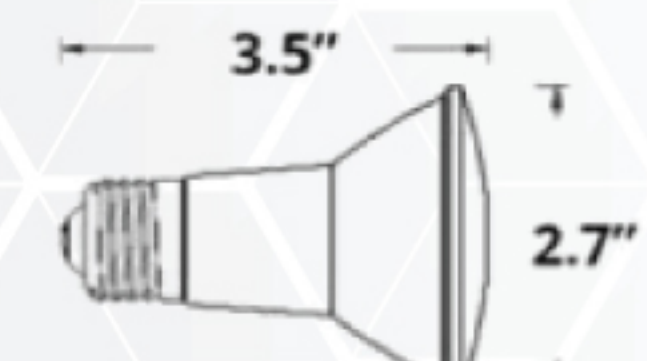
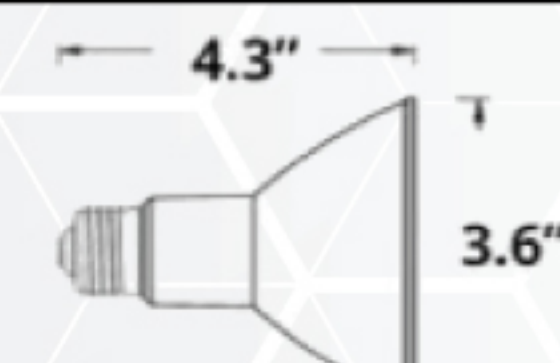
Model	Wattage	Voltage	Lumens	Beam Angle	Lifetime	Dimmable	Colour Temp.	Dimensions
 A19 9W	9W	120V	800 lmn	220°	15000 hrs	Yes	3000K (warm white) 5000K (cool white) NOT Certified for fully enclosed fixture	
 A19 9WD	9W	120V	800 lmn	240°	15000 hrs	Yes	3000K (warm white) 5000K (cool white) Certified for fully enclosed fixture	
 A19 15WD	15W	120V	1600 lmn	230°	25000 hrs	Yes	3000K (warm white) 5000K (cool white) Certified for fully enclosed fixture	
 A19 FIL 7WD	7W	120V	800 lmn	250°	15000 hrs	Yes	3000K (warm white) 5000K (cool white) NOT Certified for fully enclosed fixture	
 BR20 7WD	7W	120V	500 lmn	120°	15000 hrs	Yes	3000K (warm white) 5000K (cool white) Certified for fully enclosed fixture	
 BR30 COB 12WD	12W	120V	1000 lmn	120°	15000 hrs	Yes	3000K (warm white) 5000K (cool white) Certified for fully enclosed fixture	
 E12 FIL 4WD	4W	120V	400 lmn	360°	30000 hrs	Yes	3000K (warm white) 5000K (cool white) NOT Certified for fully enclosed fixture	
 G4 3WD	3W	120V	360 lmn	360°	30000 hrs	Yes	3000K (warm white) 5000K (cool white) NOT Certified for fully enclosed fixture	
 G9 5WD	5W	120V	400 lmn (at 3000K) 420 lmn (at 5000K)	360°	25000 hrs	Yes	3000K (warm white) 5000K (cool white) NOT Certified for fully enclosed fixture	



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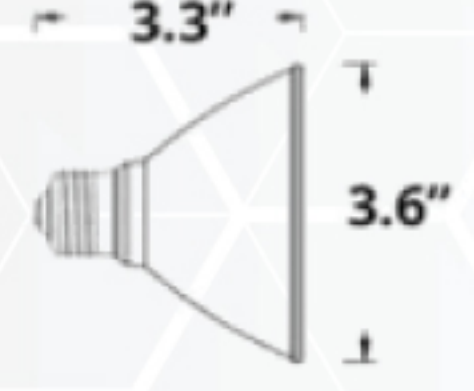
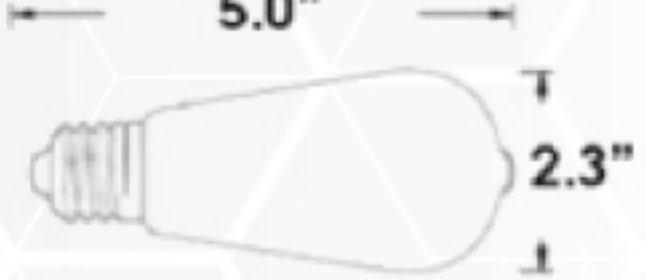
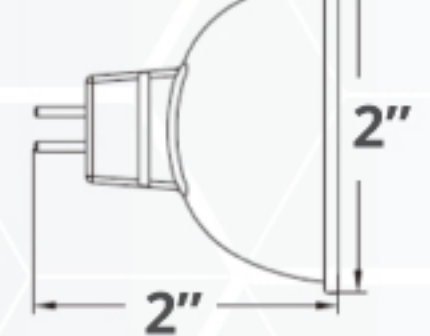
Model	Wattage	Voltage	Lumens	Beam Angle	Lifetime	Dimmable	Colour Temp.	Dimensions
 G9 FIL 3WD	3W	120V	310 lmn (at 3000K) 330 lmn (at 5000K)	360°	30000 hrs	Yes	3000K (warm white) 5000K (cool white) NOT Certified for fully enclosed fixture	
 GU10 6WD	6.5W	120V	500 lmn	40°	15000 hrs	Yes	3000K (warm white) 5000K (cool white) Certified for fully enclosed fixture	
 PAR16S 6WD	6W	120V	500 lmn	40°	15000 hrs	Yes	3000K (warm white) Certified for fully enclosed fixture	
 PAR20 COB 7WD	7W	120V	500 lmn	40°	15000 hrs	Yes	3000K (warm white) 5000K (cool white) Certified for fully enclosed fixture	
 PAR30 COB 13WD (long neck)	13W	120V	800 lmn	120°	15000 hrs	Yes	3000K (warm white) 5000K (cool white) Certified for fully enclosed fixture	
 PAR30 COB 13WDS (short neck)	13W	120V	800 lmn	40°	15000 hrs	Yes	3000K (warm white) Certified for fully enclosed fixture	
 ST19 FIL 5WD	5W	120V	450 lmn	250°	15000 hrs	Yes	2700K (warm white) NOT Certified for fully enclosed fixture	
 PAR20 COB 8WD	8.5W	120V	520 lmn	36°	25000 hrs	Yes	3000K (warm white) 5000K (cool white) Certified for fully enclosed fixture	
 PAR30 COB 10W (long neck)	10W	120V	800 lmn	40°	15000 hrs	Yes	3000K (warm white) 5000K (cool white) Certified for fully enclosed fixture	



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LED BULBS

Model	Wattage	Voltage	Lumens	Beam Angle	Lifetime	Dimmable	Colour Temp.	Dimensions
 PAR30 COB 10WDWS (short neck)	10W	120V	800 lmn	40°	15000 hrs	Yes	3000K (warm white) Certified for fully enclosed fixture	
 ST19 FIL8WDWW	8W	120V	800 lmn	230°	30000 hrs	Yes	2700K (warm white) NOT Certified for fully enclosed fixture	
 PAR20 6.5WD	6.5W	120V	520 lmn	36°	15000 hrs	Yes	3000K (warm white) 5000K (cool white) Certified for fully enclosed fixture	
 MR16 5.5WD (pack of 4)	5.5W	DC 12V	500 lmn	40°	25000 hrs	Yes	3000K (warm white) 5000K (cool white) Certified for fully enclosed fixture	

CASE QUANTITIES

A19 bulbs	100
BR20 bulb	50
BR30 bulb	50
GU10 bulbs	100
PAR20 bulbs	50
PAR16S bulb	100
PAR30 bulbs	50
MR16 bulbs	100

Reference	QTY.	Remarks	Project:
			Location:
			Architect:
			Engineer:
			Contractor:
			Submitted by:
			Date:

ORTECH reserves the right to modify at any time, without notice, any or all of our product's features, designs, components and specifications to meet market changes.

