

Project:	Toshiba Lamp:
Type:	Notes:

### Ordering Information

Ordering Code	Input Voltage (VAC)	Lamp Shape	Base Type	Wattage (W)	CCT <sup>1</sup>	Beam Angle	Initial Lumens (lm) <sup>2</sup>	Lamp Efficacy (lm/W)	Rated Life (hrs) <sup>3</sup>	CBCP (cd)	CRI	Power Factor	Equivalency <sup>4</sup>	Lamp Weight lb (g)
6MR16/827SP8	12	MR16	GU5.3	6.2	2700K	8°	270	43.5	25,000	5500	80	>0.70	25W Halogen	0.11 (49)
7MR16/827NFL25	12	MR16	GU5.3	6.7	2700K	25°	300	44.8	25,000	1250	80	>0.70	20W Halogen	0.11 (49)
7MR16/827FL35	12	MR16	GU5.3	6.7	2700K	35°	300	44.8	25,000	700	80	>0.70	20W Halogen	0.11 (49)
6MR16/830SP8	12	MR16	GU5.3	6.2	3000K	8°	275	44.4	25,000	5600	80	>0.70	25W Halogen	0.11 (49)
7MR16/830NFL25	12	MR16	GU5.3	6.7	3000K	25°	310	46.3	25,000	1250	80	>0.70	25W Halogen	0.11 (49)
7MR16/830FL35	12	MR16	GU5.3	6.7	3000K	35°	310	46.3	25,000	700	80	>0.70	25W Halogen	0.11 (49)
6MR16/840SP8	12	MR16	GU5.3	6.2	4000K	8°	280	45.2	25,000	5700	85	>0.70	25W Halogen	0.11 (49)
7MR16/840NFL25	12	MR16	GU5.3	6.7	4000K	25°	320	47.8	25,000	1250	86	>0.70	25W Halogen	0.11 (49)
7MR16/840FL35	12	MR16	GU5.3	6.7	4000K	35°	320	47.8	25,000	700	86	>0.70	25W Halogen	0.11 (49)

1. CCT Range complies to ANSI C78.377-2008.

2. Thermally stable typical lumens (± 10%)

3. Rated life is based on 70% lumen maintenance, and engineering testing and probability analysis.

4. Equivalency based on the Energy Star® Integral LED Lamp Center Beam Intensity Benchmark Tool.

Note: All Information consistent with IESNA LM-80-08 results and IESNA LM-79-08 testing completed by a qualified third party facility.

Note: All lamps meet Energy Star® Integral LED Lamp requirements, and will be submitted for testing.

Note: 5 Year Warranty for MR16 GU5.3 is based on 12 hr/day usage.

5 YEAR WARRANTY

lighting facts  
LED Product Partner

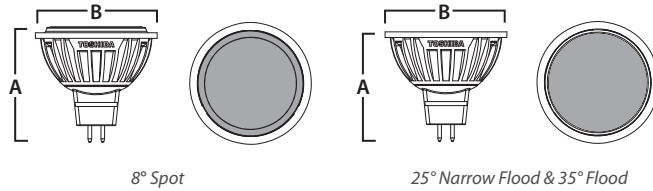
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### Dimensions

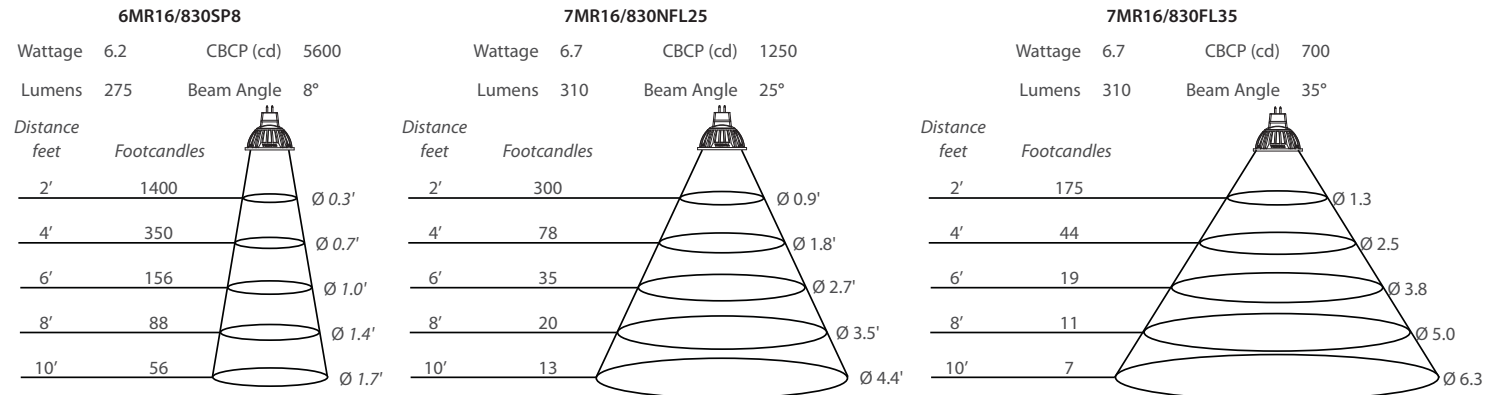
E-Core Model	MOL (A)	Diameter (B)
MR16 8° Spot	1.86" (47.4 mm)	1.96" (50 mm)
MR16 25° Narrow Flood	1.77" (45 mm)	1.96" (50 mm)
MR16 35° Flood	1.77" (45 mm)	1.96" (50 mm)

Note: Lamp shapes conform to ANSI C78.24-2001.

Note: Designed to comply with RoHS Directive 2002/95/EC.



### Illuminance Cone Diagrams



### Energy Savings

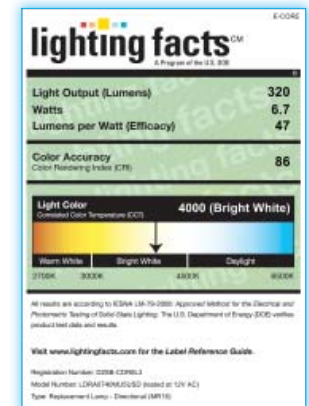
	20W Halogen	25W Halogen	35W Halogen	50W Halogen
6MR16/830SP8	\$37.95	\$51.70*	\$79.20	\$120.45
7MR16/830NFL25	\$36.58	\$50.33*	\$77.83	\$119.08
7MR16/830FL35	\$36.58	\$50.33*	\$77.83	\$119.08

\*Actual Equivalent Replacement, based on the Energy Star® Integral LED Lamp Center Beam Intensity Benchmark Tool.

Note: Energy Savings based on using one bulb for 25,000 hr rated life at 11¢/kWh. Does not include maintenance and replacement lamp savings.

### Ordering Guide

6	MR16	/	827	SP8
<b>Wattage</b>	<b>Lamp Type</b>		<b>CRI + CCT</b>	<b>Beam Angle</b>
6.2 Watts = 6	MR16 GU5.3 = MR16		80 CRI + 2700K = 827	Spot 8° = SP8
6.7 Watts = 7			80 CRI + 3000K = 830	Narrow Flood 25° = NFL25
			86 CRI + 4000K = 840	Flood 35° = FL35



Available for all color temperatures