TOSHIBA Leading Innovation >>>

Project:	Toshiba Lamp:
Туре:	Notes:

MR16 GU5.3 500 Series

Ordering Information

	Ordering Code	Input Voltage (VAC)	Lamp Shape	Base Type	Wattage (W)	ССТ	Beam Angle	Initial Lumens (Im) ²	Lamp Efficacy (Im/W)	Rated Life (hrs) ³	CBCP (cd)	CRI	Power Factor	Equivalency⁴	Lamp Weight Ib (g)	Energy STAR
9	MR16/27GNF-UP	12	MR16	GU5.3	9.1	2700K	25°	510	56.0	25,000	2370	81	> 0.72	50W Halogen	0.2 (91)	N/A
9	MR16/27GFL-UP	12	MR16	GU5.3	9.1	2700K	35°	510	56.0	25,000	1340	81	> 0.72	50W Halogen	0.2 (91)	N/A
9	MR16/30GNF-UP	12	MR16	GU5.3	9.1	3000K	25°	525	57.7	25,000	2510	82	> 0.72	50W Halogen	0.2 (91)	N/A
9	MR16/30GFL-UP	12	MR16	GU5.3	9.1	3000K	35°	525	57.7	25,000	1410	82	> 0.72	50W Halogen	0.2 (91)	N/A
9	MR16/40GNF-UP	12	MR16	GU5.3	9.1	4000K	25°	540	59.3	25,000	2600	82	> 0.72	50W Halogen	0.2 (91)	N/A
9	MR16/40GFL-UP	12	MR16	GU5.3	9.1	4000K	35°	540	59.3	25,000	1470	82	> 0.72	50W Halogen	0.2 (91)	N/A

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. All lamps meet ENERGY STAR Integral LED Lamp requirements and will be submitted for testing. Five-year warranty based on 12 hr/day usage.



Energy Savings



Illuminance Cone Diagrams 9MR16/30GNF-UP Wattage 9.1 Lumens 525



Note: Lamp shape conforms to ANSI C78.21-2003. Designed to comply with RoHS Directive 2002/95/EC.

The lamp's unique form factor is specifically designed to be compatible with existing retention rings and most recessed and track head gimbals.

_	Ordering Code	20W Halogen	25W Halogen	50W Halogen
_	9MR16/30GNF-UP	\$30.25	\$40.00	\$112.48
	9MR16/30GFL-UP	\$30.25	\$40.00	\$112.75

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.

9MR16/30GFL-UP

Wattage 9.1	Distance feet Footcandles
Lumens 525	feet Footcandles 2' 353 Ø 1.3'
CBCP (cd) 1410	4′ 88 Ø 2.5′
Beam Angle 35°	6′ 39 Ø 3.8′
	8' 22 Ø 5.0'
	10' 14 Ø 6.3'

9	MR16 /	27	G	NF	UP		
Wattage	Lamp Type	ССТ	Lumens	NF = Narrow Flood	Packaging		
9.1 Watts = 9	MR16 GU5.3 = MR16	2700K = 27	500 Series = G	FL = Flood	US Professional Package = UP		
		3000K = 30					
		4000K = 40					