

HOW TO READ PRODUCT INFORMATION - TUNGSTEN HALOGEN

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Lamp Finish	Beam Type	Class & Filament	Avg Rated Life (hrs)	Approx Lumens	CBCP	Beam Angle	LCL (in)	MOL (in)
40	T4	G9	57017	☼ 5,10	40T4/G9/F/BL	120	10	Frosted		C, CC-2V	2000	480			1.00	1.88
60	PAR38	E26 Med Skt	14466	☼ ★ 10,11	60PAR/CAP/IR/FL30	120	15		Flood	CC-8	3000	1110	3600	30		5.31
50	PAR30LN	E26 Med	14520	☼ ★ 10,19,20	50PAR30LN/HAL/NFL25	120	15		Narrow Flood	CC-8	2500	660	2300	25		4.63

Bulb	Describes the shape of the bulb followed by the bulb's major diameter given in eighths of an inch. See page 42: Halogen Lamps.
Base	See page 42: Base Identification.
Symbols & Footnotes	All symbols and footnotes that apply to a specific product will appear in this space. The explanations of the symbols and footnotes are at the end of the halogen section on page 64.
Lamp Finish	Applies only to non-reflector type lamps, usually either clear or frosted.
Beam Type	Applies only to reflector type lamps. Describes the beam angle qualitatively as either a spot or a flood, etc.

How to Read Ordering Abbreviations

40T4/G9/F/BL		60PAR/CAP/IR/FL30		50PAR30LN/HAL/NFL25	
40	Nominal lamp wattage	60	Nominal lamp wattage	50	Nominal lamp wattage
T4/G9	T4 lamp with G9 base	PAR	Bulb shape PAR38	PAR30LN	Bulb shape PAR30 Long Neck
F	Frosted finish	CAP	CAPSYLITE lamp	HAL	Halogen lamp
BL	Blister Card Package	IR	Infrared conserving capsule	NFL25	Narrow Flood beam 25 degrees
		FL30	Flood beam 30 degrees		

ANSI BEAM ANGLE DESIGNATION

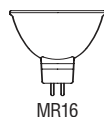
Beam angles for reflector lamps are designated to conform with ANSI C78.379 -Classification of the Beam Patterns of Reflector Lamps. For beam angles less than 13°, beam angles are rounded to the nearest whole number. For beam angles between 13° and 50°, values are rounded to the nearest 5°. For beam angles 50° and greater, the value is rounded to the nearest 10°. As an example, a family of lamps with an average beam angle of 13° is classified as 15°, and a family of lamps with an average beam angle of 54° would be classified as 50°.

LIFE RATING

The average rated life for 130V tungsten halogen lamps operated at 120V is conservatively estimated to be approximately 2 times the life when operated at 130V.

ANSI CODE REFERENCE GUIDE

ANSI CODE	ITEM NO.	L.L. ORDERING ABBREVIATION (EXCEPT VOLTS)	VOLTS	ANSI CODE	ITEM NO.	L.L. ORDERING ABBREVIATION (EXCEPT VOLTS)	VOLTS	ANSI CODE	ITEM NO.	L.L. ORDERING ABBREVIATION (EXCEPT VOLTS)	VOLTS
BAB	58301	20MR16/T/FL35/C	12	ETD	58757	100Q/DC	120	FMW	58305	35MR16/T/FL35/C	12
EHM	58998	300T3Q/CL	120	ETF	58737	150Q/DC	120	FNV	58310	50MR16/T/WFL60/C	12
EHT	58762	250Q/CL/MC	120	ETG	58735	150Q/CL/MC/2	120	FPA	58311	65MR16/T/SP10/C	12
ESL	58738	150Q/CL/MC	120	ETH	58736	150Q/MC	120	FPB	58313	65MR16/T/FL35/C	12
ESM	58763	250Q/MC	120	EVR	58766	500Q/CL/MC	120	FPC	58312	65MR16/T/NFL25/C	12
ESN	58761	100Q/CL/MC	120	EXN	58309	50MR16/T/FL35/C	12	FRB	58303	35MR16/T/SP10/C	12
ESP	58742	150Q/CL/DC/1	120	EXT	58307	50MR16/T/SP10/C	12	FTB	55133	20MR11/T/SP10/C	12
ESR	58755	100Q/CL/DC	120	EXZ	58308	50MR16/T/NFL25/C	12	FTD	55134	20MR11/T/FL35/C	12
ESS	58720	250Q/CL/DC	120	EYV	58768	500Q/MC	130	FTE	55135	35MR11/T/SP10/C	12
ESX	58300	20MR16/T/SP10/C	12	EYW	58756	500Q/CL/MC	130	FTH	55136	35MR11/T/FL35/C	12
ETB	58753	250Q/DC	120	EYX	58767	500Q/MC	120				
ETC	58741	150Q/CL/DC	120	FCL	58996	500T3Q/CL	120				



MR16

TRU-AIM IR® MR16 LAMPS

UV Filter capsule with axial filament in covered constant color, hard coated dichroic reflector and infrared reflective coating on the lamp capsule.

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens CCT	CBCP	Beam Angle	MOL (in)
20	MR16	GU5.3 Bipin	58531	47,62,66, 91,93	20MR16/IR/SP10/C	12	20	SP	C,AXIAL	5000	3000	6000	10	1.75
			58532	47,62,66, 91,93	20MR16/IR/NFL25/C	12	20	NFL	C,AXIAL	5000	3000	2300	25	1.75
			58533	47,62,66, 91,93	20MR16/IR/FL35/C	12	20	FL	C,AXIAL	5000	3000	1000	35	1.75
			58838	47,62,66, 91,93	20MR16/IR/WFL60/C	12	20	WFL	C, AXIAL	5000	3000	450	60	1.75
37	MR16	GU5.3 Bipin	58641	37,47,62, 92,93	37MR16/IR/SP10/C	12	20	SP	C, AXIAL	5000	3000	12500	10	1.75
			58634	37,47,62, 92,93	37MR16/IR/NFL25/C	12	20	NFL	C, AXIAL	5000	3000	4400	25	1.75
			58633	37,47,62, 92,93	37MR16/IR/FL35/C	12	20	FL	C, AXIAL	5000	3000	2200	35	1.75
			58837	47,62,66, 92,93	37MR16/IR/WFL60/C	12	20	WFL	C, AXIAL	5000	3000	1100	60	1.75
50	MR16	GU5.3 Bipin	54175	37,47,62, 92,93	50MR16/IR/SP10/C	12	20	SP	C, AXIAL	5000	3000	15000	10	1.75
			54174	37,47,62, 92,93	50MR16/IR/NFL25/C	12	20	NFL	C, AXIAL	5000	3000	5700	25	1.75
			54173	37,47,62, 92,93	50MR16/IR/FL35/C	12	20	FL	C, AXIAL	5000	3000	2850	35	1.75
			54237	47,62,66, 92,93	50MR16/IR/WFL60/C	12	20	WFL	C, AXIAL	5000	3000	1430	60	1.75

TRU-AIM TITAN® MR16 LAMPS

UV Filter capsule with axial filament in covered constant color, hard coated dichroic reflector.

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens CCT	CBCP	Beam Angle	MOL (in)
20	MR16	GU5.3 Bipin	58300	62,65,91, 145	20MR16/T/SP10/C(ESX)	12	20	SP	C, AXIAL	4000	3000	5000	10	1.75
			58301	62,65,91, 93,145	20MR16/T/FL35/C(BAB)	12	20	FL	C, AXIAL	4000	3000	780	35	1.75
			58302	62,65,91, 93,145	20MR16/T/WFL60/C	12	20	WFL	C, AXIAL	4000	3000	350	60	1.75
35	MR16	GU5.3 Bipin	58303	62,65,91, 93,145	35MR16/T/SP10/C(FRB)	12	20	SP	C, AXIAL	4000	3000	9100	10	1.75
			58304	62,65,91, 93,145	35MR16/T/NFL25/C	12	20	NFL	C, AXIAL	4000	3000	3100	25	1.75
			58305	62,65,91, 93,145	35MR16/T/FL35/C(FMW)	12	20	FL	C, AXIAL	4000	3000	1500	35	1.75
			58306	62,65,91, 93,145	35MR16/T/WFL60/C	12	20	WFL	C, AXIAL	4000	3000	700	60	1.75
50	MR16	GU5.3 Bipin	58307	62,65,91, 93,145	50MR16/T/SP10/C(EXT)	12	20	SP	C, AXIAL	4000	3000	11500	10	1.75
			58308	62,65,91, 93,145	50MR16/T/NFL25/C(EXZ)	12	20	NFL	C, AXIAL	4000	3000	4400	25	1.75
			58309	62,65,91, 93,145	50MR16/T/FL35/C(EXN)	12	20	FL	C, AXIAL	4000	3000	2200	35	1.75