

## OSRAM SYLVANIA: THE LEADER IN HALOGEN LAMP TECHNOLOGY

Halogen lamps are generally of the 'lamp within a lamp' design. The outer 'lamp' or jacket is made from a heavy walled borosilicate glass. The inner 'lamp' is the tungsten halogen capsule that is made from either glass or quartz and contains a filament, lead wires and a halogen gas mixture.

### LENS

The lens is designed to precisely control the light from the reflector. It is covered with small, detailed shapes to direct the light into the desired beam pattern. The lens also acts as a cover to allow the lamp to act as its own fixture.

### REFLECTOR

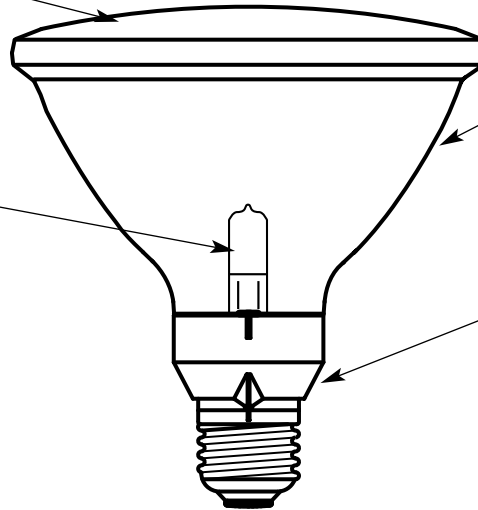
The reflector is in the shape of a paraboloid. The inner surface is covered with a reflective coating (usually aluminum) to direct the light from the tungsten halogen capsule towards the lens.

### TUNGSTEN HALOGEN CAPSULE

The inner capsule is the light source for a halogen lamp. It is a compact design that contains a special mixture of gases at high pressure that allow the filament to operate more efficiently and last longer than a standard incandescent filament.

### BASE

The base is the mounting point for the lamp and allows for connection to an electrical circuit. Two lead wires connect the base to the light source, one welded to the shell and another connected to a fuse in the center eyelet. A medium skirted base is shown. The base is most often made of brass.

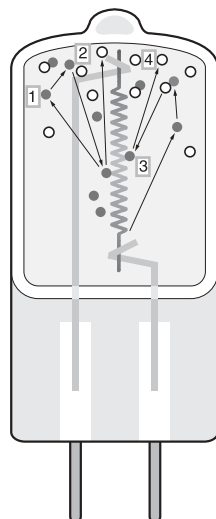


## TUNGSTEN HALOGEN LAMPS

Halogen lamps are tungsten filament incandescent lamps filled with an inert gas (usually krypton or xenon to insulate the filament and decrease heat losses) to which a trace of halogen vapor (bromine) has been added. Tungsten vaporized from the filament wire is intercepted by the halogen gas before it reaches the wall of the bulb, and is returned to the filament. Therefore, the glass bulb stays clean and the light output remains constant over the entire life of the lamp.

**1** Tungsten atoms vaporizing from tungsten filament.

**2** Tungsten atoms combine with the halogen atoms.



○ = Halogen atoms  
● = Tungsten atoms

**3** The gaseous compound deposits the tungsten atoms back to the filament.

**4** The halogen is available for the cycle again.

Tungsten Halogen Lamps provide the following benefits over standard Incandescent lamps:

- Whiter, brighter light
- Higher efficiency (LPW)
- Optimized beam control
- Significant energy savings
- Long life

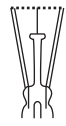
## FILAMENTS



CC-8



CC-2V



CC-6



Axial (AX)



Transverse (TR)



C-8 Double End

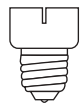
## BASES



E10  
Miniture Screw



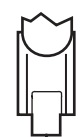
E11 Mini can



E26 Medium Skt.



E26 Medium



Recessed Single Contact  
RSC  
R7s



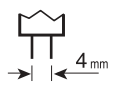
Screw Term.



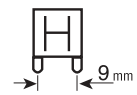
DC Bayonet  
B15d  
BA15d



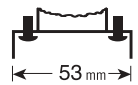
Mogul End Prong



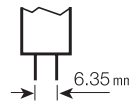
G4



G9



G53



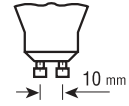
GY 6.35



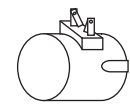
GU4



GU5.3



GU10

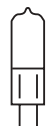


Med Side Pr.

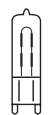
## LAMPS



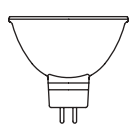
BT4



T3, T4 BI-PIN



T4 G9.



MR16, MR11



PAR14



PAR16



PAR16 GU10



PAR20



PAR30



PAR30LN



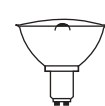
PAR36



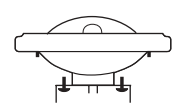
PAR38  
Medium Skt.



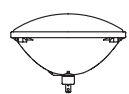
PAR38  
Medium Side Prong



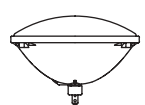
AR70



AR111



PAR56 Mog End Pr



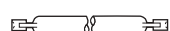
PAR64 Mog End Pr



T4 DC Bayonet



T3, T4 Mini Can



T3, T4 RSC Double End



T10



MB19

## 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)
60	T4	G9	57004		<b>60CAPSYLITEG9/CL</b>	120	10	Clear		C, AX2Q3	2000	830		1 1/8	2 1/2	
60	PAR38	E26 Med Skt	14466	★   10,11	<b>60PAR/CAP/IR/FL30</b>	120	15	Flood	CC-8	C	3000	1110	3600	30		5 5/8
50	PAR30LN	E26 Med	14520	★   10,19,20	<b>50PAR30LN/CAP/NFL25</b>	120	15	Flood	Narrow	CC-8 C	2500	660	2300	25		4 1/8

<b>Bulb</b>	Describes the shape of the bulb followed by the bulb's major diameter given in eighths of an inch. See page 34: Halogen Lamps.
<b>Base</b>	See page 34: Base Identification.
<b>Symbols &amp; Footnotes</b>	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 53-54.
<b>Lamp Finish</b>	Applies only to non-reflector type lamps, usually either clear or frosted.
<b>Beam Type</b>	Applies only to reflector type lamps. Describes the beam angle qualitatively as either a spot or a flood, etc.

### How to Read Ordering Abbreviations

60CAPSYLITEG9/CL		60PAR/CAP/IR/FL30		50PAR30LN/CAP/SPL/NFL25	
60	Nominal lamp wattage	60	Nominal lamp wattage	50	Nominal lamp wattage
CAPSYLITEG9	CAPSYLITE lamp with G9 base	PAR	Bulb shape PAR38	PAR30LN	Bulb shape PAR30 Long Neck
CL	Clear finish	CAP	CAPSYLITE lamp	CAP	CAPSYLITE lamp
		IR	Infrared conserving capsule	SPL	SPL Optical System
		FL30	Flood beam 30 degrees	NFL25	Narrow Flood beam 25 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 55° would be classified as 60°.

### 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 rated voltage (130V).

### ANSI CODE REFERENCE GUIDE

ANSI CODE	ITEM NO.	L.L. ORDERING ABBREVIATION (EXCEPT VOLTS)	VOLTS	PAGE	ANSI CODE	ITEM NO.	L.L. ORDERING ABBREVIATION (EXCEPT VOLTS)	VOLTS	PAGE	ANSI CODE	ITEM NO.	L.L. ORDERING ABBREVIATION (EXCEPT VOLTS)	VOLTS	PAGE
BAB	58600	20MR16/FL/40	12	50	ETF	58737	150Q/DC	120	46	FMW	58603	35MR16/FL/40	12	50
EHM	58923	300T3. 15Q/CL	120	47	ETG	58735	150Q/CL/2	120	46	FNV	54206	50MR16/VWFL60	12	50
EHT	58762	250Q/CL	120	46	ETH	58736	150Q	120	46	FRA	58602	35MR16/SP20	12	50
ESL	58738	150Q/CL	120	46	EVR	58766	500Q/CL	120	46	FRB	58604	35MR16/NSP/8	12	50
ESM	58763	250Q	120	46	EXN	58607	50MR16/FL/40	12	50	FPA	58563	65MR16/NSP/10	12	50
ESN	58761	100Q/CL	120	46	EXT	58608	50MR16/NSP/12	12	50	FPC	58565	65MR16/NFL/25	12	50
ESP	58742	150Q/CL/DC/1	120	46	EXZ	58605	50MR16/NFL/25	12	50	FPB	58564	65MR16/FL/40	12	50
ESR	58755	100Q/CL/DC	120	46	EYT	58769	750Q/CL	120	46	FTB	55109	20MR11/SP10	12	50
ESS	58720	250Q/CL/DC	120	46	EYV	58768	500Q	130	46	FTD	55107	20MR11/FL35	12	50
ESX	58601	20MR16/NSP/8	12	50	EYW	58756	500Q/CL	130	46	FTE	55113	35MR11/SP10	12	50
ETB	58753	250Q/DC	120	46	EYX	58767	500Q	120	46	FTH	55111	35MR11/FL40	12	50
ETC	58741	150Q/CL/DC	120	46	FCL	58856	500T3Q/CL	120	47					
ETD	58757	100Q/DC	120	46	FCZ	58883	500T3Q	120	47					

## TUNGSTEN HALOGEN BRAND NAME GUIDE

SYLVANIA	GE*	PHILIPS**	OSRAM
CAPSYLITE SPL PAR38	Halogen Long Life PAR	MasterLine PAR38 DiOptic	HALOPAR38
CAPSYLITE SPL PAR30	Compact PAR30	MasterLine PAR30S WISO	HALOPAR30
CAPSYLITE SPL PAR30 Long Neck	Compact PAR30 Long Neck	MasterLine PAR30L Long Neck WISO	
CAPSYLITE SPL PAR20	Compact PAR20	MasterLine PAR20 WISO	HALOPAR20
CAPSYLITE Designer 16	Compact PAR16	MasterLine PAR16	HALOPAR16
TRU-AIM TITAN	ConstantColor Precise	Continuum Color	Decostar 51 TITAN
TRU-AIM Standard MR16	Standard MR16	BrilliantLine Pro MR16	Decostar 51
TRU-AIM IR		MasterLine ES IRC MRC16	Decostar 51 IRC
TRU-AIM Standard MR11	STANDARD MR11	BrilliantLine Pro MRC11	Decostar 35
TRU-AIM BRILLIANT		Continuum Pro Aluminum Coated	Decostar 51 ALU
STANDARD Bi-Pin	Quartz Halogen	Halogen Low Voltage Capsule	HALOSTAR Standard
STARLITE Bi-Pin		Halogen Low Voltage Capsule	HALOSTAR STARLITE
Double End	Quartzline Halogen	Halogen Double-Ended Linear	HALOLINE
SUPER Q	Quartzline Halogen	Halogen Single-Ended	HALOLUX Ceram
Double End Quartz Infrared Heat	Tubular Quartz Heat	Quartz Infrared Heat	HALOLINE IRC
Large PAR	Quartzline Halogen	Halogen PAR56 and PAR64	
CAPSYLITE A-Line Midbreak	Halogen A-Line	Halogena	HALOLUX BT
Halogen T10			HALOLUX Ceram
AR111			HALOSPOT 111
AR70			HALOSPOT 70
SYLVANIA 250W CAPSYLITE PAR 38	Quartzline 250W PAR38		
CAPSYLITE IR PAR38	HIR PAR 38	MasterLine IRC PAR38	
CAPSYLITE IR PAR30	Compact HIR PAR 30		
CAPSYLITE COOL-LUX	Cool Beam PAR 38		

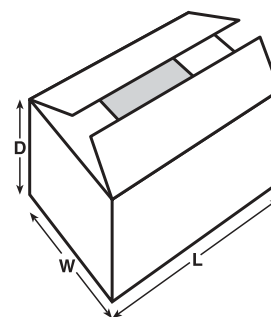
\*Trademark of General Electric Company. \*\*Trademark of North American Philips.

## WEIGHTS & MEASURES OF POPULAR TUNGSTEN HALOGEN TYPES

The packaging industry describes box dimensions as follows: The length is the larger of the two dimensions of the open face (flap opening) the width is the smaller. The depth is always the distance measured perpendicular to the length and width between the outermost surfaces of the box.

The diagram here will help you visualize these descriptions.

Generally, packages of lamps of a similar type and wattage will have approximately the same weights and measurements. Occasionally, packaging data will be changed without notice.



Product Number	Ordering Abbreviation	Pkg Qty	Weight (pounds)	Cube (feet)	Dimensions (L x W x D)
14579	90PAR/CAP/SPL/FL30 120V	15	13.590	1.098	23.000 x 13.750 x 6.000
15545	90PAR/HAL/SPL/FL/RP 120V	6	5.480	0.480	14.188 x 9.750 x 6.000
14606	75PAR30/CAP/SPL/FL40 120V	15	6.900	0.504	18.250 x 10.750 x 4.437
14768	75PAR30LN/CAP/WFL50 120V	15	9.000	0.684	18.375 x 11.188 x 5.750
14502	50PAR20/HAL/SPL/NFL30 120V	15	3.700	0.236	13.375 x 7.875 x 3.875
59030	60PAR16/CAP/NFL30 120V	15	5.630	0.249	12.000 x 7.438 x 4.812
18970	100A/HAL 120V	12	4.770	0.260	10.375 x 7.875 x 5.500
58920	300T3Q/GL/RP (EHM) 120V	6	0.390	0.084	8.000 x 4.690 x 3.880
55091	36PAR36/CAP/WFL32 12V	12	7.490	0.475	14.750 x 11.125 x 5.000
55103	50AR111/FL25 12V	6	1.460	0.234	10.830 x 7.280 x 5.120
59016	50AR70/FL25 12V	10	0.880	0.102	12.050 x 4.960 x 2.950
54207	50MR16/FL40 (EXN) 12V	20	1.500	0.152	9.875 x 4.625 x 5.750
55107	20MR11/FL35 (FTD) 12V	10	0.550	0.029	7.000 x 3.190 x 2.250
58661	20T3Q/GL 12V	40	0.690	0.057	5.000 x 4.450 x 4.450

**HALOGEN MIDBREAK - A-LINE LAMPS**

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Lamp Finish	Class & Filament	Avg Rated Life(hrs)	Lumens	LCL (in)	MOL (in)
42	MB19	E26 Med	18907		<b>42MB/CAP</b>	120	12	Inside Frost	C, CC-8	3500	570	3 <sup>1</sup> / <sub>8</sub>	4 <sup>3</sup> / <sub>8</sub>
			18908	1	<b>42MB/CAP</b>	130	12	Inside Frost	C, CC-8	3500	570	3 <sup>1</sup> / <sub>8</sub>	4 <sup>3</sup> / <sub>8</sub>
<i>@ 120 volts, approximate 37 watts, 450 lumens, 7000 hours</i>													
52	MB19	E26 Med	18921		<b>52MB/CAP</b>	120	12	Inside Frost	C, CC-8	3500	770	3 <sup>1</sup> / <sub>8</sub>	4 <sup>3</sup> / <sub>8</sub>
			18922	1	<b>52MB/CAP</b>	130	12	Inside Frost	C, CC-8	3500	770	3 <sup>1</sup> / <sub>8</sub>	4 <sup>3</sup> / <sub>8</sub>
<i>@ 120 volts, approximate 46 watts, 600 lumens, 7000 hours</i>													
72	MB19	E26 Med	18937		<b>72MB/CAP</b>	120	12	Inside Frost	C, CC-8	3500	1150	3 <sup>1</sup> / <sub>8</sub>	4 <sup>3</sup> / <sub>8</sub>
			18938	1	<b>72MB/CAP</b>	130	12	Inside Frost	C, CC-8	3500	1150	3 <sup>1</sup> / <sub>8</sub>	4 <sup>3</sup> / <sub>8</sub>
<i>@ 120 volts, approximate 63 watts, 900 lumens, 7000 hours</i>													

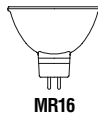
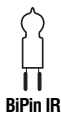
**CAPSYLITE® A-LINE**

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Lamp Finish	Class & Filament	Avg Rated Life(hrs)	Lumens	LCL (in)	MOL (in)
50	MB19	E26 Med	18968		<b>50A/HAL/CRYSTAL</b>	120	12	Crystal	C, CC-8	2500	860	3 <sup>1</sup> / <sub>8</sub>	4 <sup>3</sup> / <sub>8</sub>
60	MB19	E26 Med	18960		<b>60A/HAL</b>	120	12	Inside Frost	C, CC-8	3000	960	3 <sup>1</sup> / <sub>8</sub>	4 <sup>3</sup> / <sub>8</sub>
75	MB19	E26 Med	18965		<b>75A/HAL</b>	120	12	Inside Frost	C, CC-8	3000	1300	3 <sup>1</sup> / <sub>8</sub>	4 <sup>3</sup> / <sub>8</sub>
			18969		<b>75A/HAL/CRYSTAL</b>	120	12	Crystal	C, CC-8	3000	1330	3 <sup>1</sup> / <sub>8</sub>	4 <sup>3</sup> / <sub>8</sub>
100	MB19	E26 Med	18970		<b>100A/HAL</b>	120	12	Inside Frost	C, CC-8	3000	1800	3 <sup>1</sup> / <sub>8</sub>	4 <sup>3</sup> / <sub>8</sub>

**TUBULAR HALOGEN T10 LAMPS**

A suitable protective shield, screening technique or both shall be used to protect people and surroundings from the possibility of a lamp shattering and from possible ultraviolet radiation.

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Lamp Finish	Class & Filament	Avg Rated Life(hrs)	Lumens	LCL (in)	MOL (in)
75	T10	E26 Med	18890	2	<b>75T10/HAL/CL</b>	120	15	Clear	C, AX2-Q	2000	1100	2 <sup>5</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>8</sub>
			18891	2	<b>75T10/HAL/F</b>	120	15	Frosted	C, AX2-Q	2000	1050	2 <sup>5</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>8</sub>
100	T10	E26 Med	18892	2	<b>100T10/HAL/CL</b>	120	15	Clear	C, AX2-Q	2000	1500	2 <sup>5</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>8</sub>
			18893	2	<b>100T10/HAL/F</b>	120	15	Frosted	C, AX2-Q	2000	1430	2 <sup>5</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>8</sub>
150	T10	E26 Med	18894	2,3	<b>150T10/HAL/CL</b>	120	15	Clear	C, AX2-Q	2000	2500	2 <sup>5</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>8</sub>
			18895	2,3	<b>150T10/HAL/F</b>	120	15	Frosted	C, AX2-Q	2000	2400	2 <sup>5</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>8</sub>
250	T10	E26 Med	18896	2,3	<b>250T10/HAL/CL</b>	120	15	Clear	C, AX2-Q	2000	4200	2 <sup>5</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>8</sub>
			18897	2,3	<b>250T10/HAL/F</b>	120	15	Frosted	C, AX2-Q	2000	4000	2 <sup>5</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>8</sub>



# INFRARED CONSERVING HALOGEN LAMPS

## BI-PIN IR

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Lamp Finish	Class & Filament	Avg Rated Life(hrs)	Lumens	LCL (in)	MOL (in)
37	BT4	GY6.35	58683	☼, 4,5,6	<b>37BT4Q/IR</b>	12	40	Clear	C, AX	4000	900	1 <sup>3</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>4</sub>
50	BT4	GY6.35	58687	☼, 4,5,6	<b>50BT4Q/IR</b>	12	40	Clear	C, AX	4000	1320	1 <sup>3</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>4</sub>

## TRU-AIM IR® MR16

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

A suitable protective shield, screening technique or both shall be used to protect people and surroundings from the possibility of a lamp shattering and from possible ultraviolet radiation.

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)
37	MR16	GU5.3	58641	☼, 2,4,7	<b>37MR16/IR/SP10</b>	12	20	Narrow Spot	C, AX	4000	13100		10	1 <sup>3</sup> / <sub>4</sub>
			58634	☼, 2,4,7	<b>37MR16/IR/NFL25</b>	12	20	Narrow Flood	C, AX	4000	4600		25	1 <sup>3</sup> / <sub>4</sub>
			58633	☼, 2,4,7	<b>37MR16/IR/FL40</b>	12	20	Flood	C, AX	4000	2500		40	1 <sup>3</sup> / <sub>4</sub>
50	MR16	GU5.3	54175	☼, 2,4,7	<b>50MR16/IR/SP10</b>	12	20	Spot	C, AX	4000	15700		10	1 <sup>3</sup> / <sub>4</sub>
			54174	☼, 2,4,7	<b>50MR16/IR/NFL25</b>	12	20	Narrow Flood	C, AX	4000	6000		25	1 <sup>3</sup> / <sub>4</sub>
			54173	☼, 2,4,7	<b>50MR16/IR/FL40</b>	12	20	Flood	C, AX	4000	3000		40	1 <sup>3</sup> / <sub>4</sub>

## CAPSYLITE IR® PAR30

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)
50	PAR30	E26 Med	14355	★ ☼ ☉ ☼, 4,8,9	<b>50PAR30/CAP/IR/NSP9</b>	120	15	Narrow Spot	C, CC-8	3000	900	13000	9	3 <sup>5</sup> / <sub>16</sub>
			14354	★ ☼ ☉ ☼, 4,8,9	<b>50PAR30/CAP/IR/NFL25</b>	120	15	Narrow Flood	C, CC-8	3000	900	2900	25	3 <sup>5</sup> / <sub>16</sub>
			14714	★ ☼ ☉ ☼, 4,8,9	<b>50PAR30/CAP/IR/FL40</b>	120	15	Flood	C, CC-8	3000	900	1400	40	3 <sup>5</sup> / <sub>16</sub>

## CAPSYLITE IR® PAR38

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)		
50	PAR38	E26 Med Skt	14136	★ ☼ ☉ ☼, 4,8,9,10	<b>50PAR/CAP/IR/SP9</b>	120	15	Spot	C, CC-8	3000	850	14000	9	5 <sup>5</sup> / <sub>16</sub>		
			14138	★ ☼ ☉ ☼, 4,8,9,10	<b>50PAR/CAP/IR/NFL25</b>	120	15	Narrow Flood	C, CC-8	3000	850	3000	25	5 <sup>5</sup> / <sub>16</sub>		
			14485	★ ☼ ☉ ☼, 4,8,9,10	<b>60PAR/CAP/IR/SP9</b>	120	15	Spot	C, CC-8	3000	1110	20000	9	5 <sup>5</sup> / <sub>16</sub>		
60	PAR38	E26 Med Skt	14716	★ ☼ ☉ ☼, 4,8,9,10	<b>60PAR/CAP/IR/SP9</b>	130	15	Spot	C, CC-8	3000	1110	20000	9	5 <sup>5</sup> / <sub>16</sub>		
			<i>@ 120 volts, approximate 53 watts, 845 lumens, 6000 hours</i>													
			14360	★ ☼ ☉ ☼, 4,8,9,10	<b>60PAR/CAP/IR/WSP12</b>	120	15	Wide Spot	C, CC-8	3000	1110	12000	12	5 <sup>5</sup> / <sub>16</sub>		
			14442	★ ☼ ☉ ☼, 4,8,9,10	<b>60PAR/CAP/IR/NFL25</b>	120	15	Narrow Flood	C, CC-8	3000	1110	5000	25	5 <sup>5</sup> / <sub>16</sub>		
			14466	★ ☼ ☉ ☼, 4,8,9,10	<b>60PAR/CAP/IR/FL30</b>	120	15	Flood	C, CC-8	3000	1110	3600	30	5 <sup>5</sup> / <sub>16</sub>		
14715	PAR38	E26 Med Skt	14715	★ ☼ ☉ ☼, 4,8,9,10	<b>60PAR/CAP/IR/FL30</b>	130	15	Flood	C, CC-8	3000	1110	3600	30	5 <sup>5</sup> / <sub>16</sub>		
			<i>@ 120 volts, approximate 53 watts, 845 lumens, 6000 hours</i>													
80	PAR38	E26 Med Skt	14347	★ ☼ ☉ ☼, 4,9,10	<b>80PAR/CAP/IR/SP10</b>	120	12	Spot	C, CC-8	3000	1500	25000	10	5 <sup>5</sup> / <sub>16</sub>		



PAR38



PAR14



PAR16 GU10



PAR16

# INFRARED CONSERVING HALOGEN LAMPS

## CAPSYLITE IR® PAR38

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)
80	PAR38	E26 Med Skt	14327	★ ④ ⑥ 4,9,10	<b>80PAR/CAP/IR/FL25</b>	120	12	Flood	C, CC-8	3000	1500	5500	25	5 <sup>5</sup> / <sub>16</sub>
100	PAR38	E26 Med Skt	14324	★ ④ ⑥ 4,9,10	<b>100PAR/CAP/IR/SP10</b>	120	12	Spot	C, CC-8	3000	2070	29000	10	5 <sup>5</sup> / <sub>16</sub>
			14319	★ ④ ⑥ 4,9,10	<b>100PAR/CAP/IR/NFL25</b>	120	12	Narrow Flood	C, CC-8	3000	2070	6300	25	5 <sup>5</sup> / <sub>16</sub>
			14311	★ ④ ⑥ 4,9,10	<b>100PAR/CAP/IR/FL40</b>	120	12	Flood	C, CC-8	3000	2070	3400	40	5 <sup>5</sup> / <sub>16</sub>

## CAPSYLITE® PAR LAMPS

### CAPSYLITE® PAR14 LAMPS

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)
35	PAR14	E26 Med	14553	☀ 9,11	<b>35PAR14/CAP/FL50/RP</b>	120	6	Flood	C, CC-8	2000	300	85	50	2 <sup>7</sup> / <sub>16</sub>
			14552	☀ 9,11	<b>35PAR14/CAP/FL50/BULK</b>	120	140	Flood	C, CC-8	2000	300	85	50	2 <sup>7</sup> / <sub>16</sub>

### DESIGNER 16® - CAPSYLITE® PAR16 LAMPS

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)
50	PAR16	GU10	59024	☀	<b>50PAR16/CAP/GU10/FL40</b>	120	10	Flood	C, CC-2V	2000	650	800	40	2 <sup>1</sup> / <sub>2</sub>
60	PAR16	E26 Med	59037	☀ 9,11	<b>60PAR16/HAL/NSP10/RP</b>	120	6	Narrow Spot	C, CC-8	2000	650	5000	10	2 <sup>7</sup> / <sub>8</sub>
			59032	☀ 9,11	<b>60PAR16/CAP/NSP10</b>	120	15	Narrow Spot	C, CC-8	2000	650	5000	10	2 <sup>7</sup> / <sub>8</sub>
			59040	☀ 1,9,11	<b>60PAR16/CAP/NSP10</b> <i>@ 120 volts, approximate 53 watts, 500 lumens, 4000 hours</i>	130	15	Narrow Spot	C, CC-8	2000	650	5000	10	2 <sup>7</sup> / <sub>8</sub>
			59031	☀ 9,11	<b>60PAR16/HAL/NFL30/RP</b>	120	6	Narrow Flood	C, CC-8	2000	650	1300	30	2 <sup>7</sup> / <sub>8</sub>
			59030	☀ 9,11	<b>60PAR16/CAP/NFL30</b>	120	15	Narrow Flood	C, CC-8	2000	650	1300	30	2 <sup>7</sup> / <sub>8</sub>
			59038	☀ 1,9,11	<b>60PAR16/CAP/NFL30</b> <i>@ 120 volts, approximate 53 watts, 500 lumens, 4000 hours</i>	130	15	Narrow Flood	C, CC-8	2000	650	1300	30	2 <sup>7</sup> / <sub>8</sub>
75	PAR16	E26 Med	59035	☀ 9,11	<b>75PAR16/HAL/NSP10/RP</b>	120	6	Narrow Spot	C, CC-8	2000	900	7500	10	2 <sup>7</sup> / <sub>8</sub>
			59036	☀ 9,11	<b>75PAR16/CAP/NSP10</b>	120	15	Narrow Spot	C, CC-8	2000	900	7500	10	2 <sup>7</sup> / <sub>8</sub>
			59044	☀ 1,9,11	<b>75PAR16/CAP/NSP10</b> <i>@ 120 volts, approximate 66 watts, 700 lumens, 4000 hours</i>	130	15	Narrow Spot	C, CC-8	2000	900	7500	10	2 <sup>7</sup> / <sub>8</sub>
			59033	☀ 9,11	<b>75PAR16/HAL/NFL30/RP</b>	120	6	Narrow Flood	C, CC-8	2000	900	1900	30	2 <sup>7</sup> / <sub>8</sub>
			59034	☀ 9,11	<b>75PAR16/CAP/NFL30</b>	120	15	Narrow Flood	C, CC-8	2000	900	1900	30	2 <sup>7</sup> / <sub>8</sub>
			59042	☀ 1,9,11	<b>75PAR16/CAP/NFL30</b> <i>@ 120 volts, approximate 66 watts, 700 lumens, 4000 hours</i>	130	15	Narrow Flood	C, CC-8	2000	900	1900	30	2 <sup>7</sup> / <sub>8</sub>





PAR20



PAR30

**CAPSYLITE® PAR LAMPS****CAPSYLITE® PAR20 LAMPS**

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)			
35	PAR20	E26 Med	14467	★     9	<b>35PAR20/CAP/SPL/NSP10</b>	120	15	Narrow Spot	C, CC-8	2500	360	3000	10	3 1/8			
			14460	★     1,9	<b>35PAR20/CAP/SPL/NSP10</b>	130	15	Narrow Spot	C, CC-8	2500	360	3000	10	3 1/8			
			<i>@ 120 volts, approximate 31 watts, 310 lumens, 5000 hours</i>														
			14464	★     9	<b>35PAR20/CAP/SPL/NFL30</b>	120	15	Narrow Flood	C, CC-8	2500	360	800	30	3 1/8			
			14459	★     1,9	<b>35PAR20/CAP/SPL/NFL30</b>	130	15	Narrow Flood	C, CC-8	2500	360	800	30	3 1/8			
			<i>@ 120 volts, approximate 31 watts, 310 lumens, 5000 hours</i>														
50	PAR20	E26 Med	14500	★     9	<b>50PAR20/HAL/SPL/NSP10</b>	120	15	Narrow Spot	C, CC-8	2500	550	4600	10	3 1/8			
			14528	★     1,9	<b>50PAR20/CAP/SPL/NSP10</b>	130	15	Narrow Spot	C, CC-8	2500	550	4600	10	3 3/8			
			<i>@ 120 volts, approximate 44 watts, 405 lumens, 5000 hours</i>														
			14502	★     9	<b>50PAR20/HAL/SPL/NFL30</b>	120	15	Narrow Flood	C, CC-8	2500	550	1200	30	3 1/8			
			14503	★     9	<b>50PAR20/CAP/NFL30/BULK</b>	120	144	Narrow Flood	C, CC-8	2500	550	1200	30	3 1/8			
			14529	★     1,9	<b>50PAR20/CAP/SPL/NFL30</b>	130	15	Narrow Flood	C, CC-8	2500	550	1200	30	3 1/8			
<i>@ 120 volts, approximate 44 watts, 405 lumens, 5000 hours</i>																	
			14700	★     9	<b>50PAR20/CAP/SPL/WFL40</b>	120	15	Wide Flood	C, CC-8	2500	550	900	40	3 1/8			

**CAPSYLITE IR® PAR30**

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)
50	PAR30	E26 Med	14355	★     4,8,9	<b>50PAR30/CAP/IR/NSP9</b>	120	15	Narrow Spot	C, CC-8	3000	900	13000	9	3 5/8
			14354	★     4,8,9	<b>50PAR30/CAP/IR/NFL25</b>	120	15	Narrow Flood	C, CC-8	3000	900	2900	25	3 5/8
			14714	★     4,8,9	<b>50PAR30/CAP/IR/FL40</b>	120	15	Flood	C, CC-8	3000	900	1400	40	3 5/8

**CAPSYLITE® PAR30 LAMPS**

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)			
50	PAR30	E26 Med	14526	★     9	<b>50PAR30/CAP/SPL/NSP9</b>	120	15	Narrow Spot	C, CC-8	2500	660	8800	9	3 5/8			
			14530	★     1,9	<b>50PAR30/CAP/SPL/NSP9</b>	130	15	Narrow Spot	C, CC-8	2500	660	8800	9	3 5/8			
			<i>@ 120 volts, approximate 44 watts, 465 lumens, 5000 hours</i>														
			14527	★     9	<b>50PAR30/CAP/SPL/NFL25</b>	120	15	Narrow Flood	C, CC-8	2500	660	2300	25	3 5/8			
			14531	★     1,9	<b>50PAR30/CAP/SPL/NFL25</b>	130	15	Narrow Flood	C, CC-8	2500	660	2300	25	3 5/8			
<i>@ 120 volts, approximate 44 watts, 465 lumens, 5000 hours</i>																	





PAR30



PAR30LN

# CAPSYLITE® PAR LAMPS

## CAPSYLITE® PAR30 LAMPS

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)			
50	PAR30	E26 Med	14710	★ [Symbol] [Symbol] [Symbol] 9	<b>50PAR30/HAL/SPL/FL40</b>	120	15	Flood	C, CC-8	2500	660	1300	40	3 <sup>5</sup> / <sub>8</sub>			
			14533	★ [Symbol] [Symbol] [Symbol] 1,9	<b>50PAR30/CAP/SPL/FL40</b>	130	15	Flood	C, CC-8	2500	660	1300	40	3 <sup>5</sup> / <sub>8</sub>			
<i>@ 120 volts, approximate 44 watts, 465 lumens, 5000 hours</i>																	
60	PAR30	E26 Med	14332	★ [Symbol] [Symbol] [Symbol] 9	<b>60PAR30/CAP/SPL/NSP9</b>	120	15	Narrow Spot	C, CC-8	3000	860	12000	9	3 <sup>5</sup> / <sub>8</sub>			
			14333	★ [Symbol] [Symbol] [Symbol] 9	<b>60PAR30/CAP/SPL/NFL25</b>	120	15	Narrow Flood	C, CC-8	3000	860	3500	25	3 <sup>5</sup> / <sub>8</sub>			
75	PAR30	E26 Med	14604	★ [Symbol] [Symbol] [Symbol] 9	<b>75PAR30/CAP/SPL/NSP9</b>	120	15	Narrow Spot	C, CC-8	2500	1130	15400	9	3 <sup>5</sup> / <sub>8</sub>			
			14628	★ [Symbol] [Symbol] [Symbol] 1,9	<b>75PAR30/CAP/SPL/NSP9</b>	130	15	Narrow Spot	C, CC-8	2500	1130	15400	9	3 <sup>5</sup> / <sub>8</sub>			
			<i>@ 120 volts, approximate 66 watts, 855 lumens, 5000 hours</i>														
			14603	★ [Symbol] [Symbol] [Symbol] 9	<b>75PAR30/CAP/SPL/NFL25</b>	120	15	Narrow Flood	C, CC-8	2500	1130	4000	25	3 <sup>5</sup> / <sub>8</sub>			
			14627	★ [Symbol] [Symbol] [Symbol] 1,9	<b>75PAR30/CAP/SPL/NFL25</b>	130	15	Narrow Flood	C, CC-8	2500	1130	4000	25	3 <sup>5</sup> / <sub>8</sub>			
			<i>@ 120 volts, approximate 66 watts, 855 lumens, 5000 hours</i>														
14606	★ [Symbol] [Symbol] [Symbol] 9	<b>75PAR30/CAP/SPL/FL40</b>	120	15	Flood	C, CC-8	2500	1130	2100	40	3 <sup>5</sup> / <sub>8</sub>						
14629	★ [Symbol] [Symbol] [Symbol] 1,9	<b>75PAR30/CAP/SPL/FL40</b>	130	15	Flood	C, CC-8	2500	1130	2100	40	3 <sup>5</sup> / <sub>8</sub>						
<i>@ 120 volts, approximate 66 watts, 855 lumens, 5000 hours</i>																	

## CAPSYLITE® PAR30 LONG NECK LAMPS

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)			
35	PAR30LN	E26 Med	14759	★ [Symbol] [Symbol] [Symbol] 9,12	<b>35PAR30LN/CAP/SPL/NSP9</b>	120	15	Narrow Spot	C, CC-8	2500	450	5700	9	4 <sup>11</sup> / <sub>16</sub>			
			14764	★ [Symbol] [Symbol] [Symbol] 9,12	<b>35PAR30LN/CAP/SPL/WFL50</b>	120	15	Wide Flood	C, CC-8	2500	450	450	50	4 <sup>11</sup> / <sub>16</sub>			
50	PAR30LN	E26 Med	14509	★ [Symbol] [Symbol] [Symbol] 9,12,13	<b>50PAR30LN/CAP/SPL/NSP9</b>	120	15	Narrow Spot	C, CC-8	2500	660	8800	9	4 <sup>11</sup> / <sub>16</sub>			
			14482	★ [Symbol] [Symbol] [Symbol] 1,9,12,13	<b>50PAR30LN/CAP/SPL/NSP9</b>	130	15	Narrow Spot	C, CC-8	2500	660	8800	9	4 <sup>11</sup> / <sub>16</sub>			
			<i>@ 120 volts, approximate 44 watts, 465 lumens, 5000 hours</i>														
			14822	★ [Symbol] [Symbol] [Symbol] 9,12,13	<b>50PAR30LN/CAP/SPL/NFL/RP</b>	120	6	Narrow Flood	C, CC-8	2500	660	2300	25	4 <sup>11</sup> / <sub>16</sub>			
			14520	★ [Symbol] [Symbol] [Symbol] 9,12,13	<b>50PAR30LN/CAP/SPL/NFL25</b>	120	15	Narrow Flood	C, CC-8	2500	660	2300	25	4 <sup>11</sup> / <sub>16</sub>			
			14478	★ [Symbol] [Symbol] [Symbol] 1,9,12,13	<b>50PAR30LN/CAP/SPL/NFL25</b>	130	15	Narrow Flood	C, CC-8	2500	660	2300	25	4 <sup>11</sup> / <sub>16</sub>			
			<i>@ 120 volts, approximate 44 watts, 465 lumens, 5000 hours</i>														
			14536	★ [Symbol] [Symbol] [Symbol] 9,12,13	<b>50PAR30LN/CAP/SPL/WFL/RP</b>	120	6	Wide Flood	C, CC-8	2500	660	900	50	4 <sup>11</sup> / <sub>16</sub>			
14537	★ [Symbol] [Symbol] [Symbol] 9,12,13	<b>50PAR30LN/CAP/SPL/WFL50</b>	120	15	Wide Flood	C, CC-8	2500	660	900	50	4 <sup>11</sup> / <sub>16</sub>						
14486	★ [Symbol] [Symbol] [Symbol] 1,9,12,13	<b>50PAR30LN/CAP/SPL/WFL50</b>	130	15	Wide Flood	C, CC-8	2500	660	900	50	4 <sup>11</sup> / <sub>16</sub>						
<i>@ 120 volts, approximate 44 watts, 465 lumens, 5000 hours</i>																	
75	PAR30LN	E26 Med	14786	★ [Symbol] [Symbol] [Symbol] 9,12	<b>75PAR30LN/CAP/SPL/NSP9</b>	120	15	Narrow Spot	C, CC-8	2500	1130	15400	9	4 <sup>11</sup> / <sub>16</sub>			



PAR30LN



PAR36



PAR38

## CAPSYLITE® PAR LAMPS

### CAPSYLITE® PAR30 LONG NECK LAMPS

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)			
75	PAR30LN	E26 Med	14777	★ ④ ⑤ ⑥ ⑦ 1,9,12	<b>75PAR30LN/CAP/SPL/NSP9</b>	130	15	Narrow Spot	C, CC-8	2500	1130	15400	9	4 <sup>11</sup> / <sub>16</sub>			
			<i>@ 120 volts, approximate 66 watts, 855 lumens, 5000 hours</i>														
			14824	★ ④ ⑤ ⑥ ⑦ 9,12	<b>75PAR30LN/CAP/SPL/NFL/RP</b>	120	6	Narrow Flood	C, CC-8	2500	1130	4000	25	4 <sup>11</sup> / <sub>16</sub>			
			14769	★ ④ ⑤ ⑥ ⑦ 9,12	<b>75PAR30LN/CAP/SPL/NFL25</b>	120	15	Narrow Flood	C, CC-8	2500	1130	4000	25	4 <sup>11</sup> / <sub>16</sub>			
			14778	★ ④ ⑤ ⑥ ⑦ 1,9,12	<b>75PAR30LN/CAP/SPL/NFL25</b>	130	15	Narrow Flood	C, CC-8	2500	1130	4000	25	4 <sup>11</sup> / <sub>16</sub>			
			<i>@ 120 volts, approximate 66 watts, 855 lumens, 5000 hours</i>														
			14823	★ ④ ⑤ ⑥ ⑦ 9,12	<b>75PAR30LN/CAP/SPL/WFL/RP</b>	120	6	Wide Flood	C, CC-8	2500	1130	1100	50	4 <sup>11</sup> / <sub>16</sub>			
14768	★ ④ ⑤ ⑥ ⑦ 9,12	<b>75PAR30LN/CAP/SPL/WFL50</b>	120	15	Wide Flood	C, CC-8	2500	1130	1100	50	4 <sup>11</sup> / <sub>16</sub>						
14785	★ ④ ⑤ ⑥ ⑦ 1,9,12	<b>75PAR30LN/CAP/SPL/WFL50</b>	130	15	Wide Flood	C, CC-8	2500	1130	1100	50	4 <sup>11</sup> / <sub>16</sub>						
<i>@ 120 volts, approximate 66 watts, 855 lumens, 5000 hours</i>																	

### CAPSYLITE® PAR36 LAMPS

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)
36	PAR36	Screw Term	55100	★ 12	<b>36PAR36/CAP/VNSP5</b>	12	12	Very Narrow Spot	C, C-8	4000	500	17000	5	2 <sup>3</sup> / <sub>4</sub>
			55090	★ 12	<b>36PAR36/CAP/NSP13</b>	12	12	Narrow Spot	C, C-8	4000	500	3500	13	2 <sup>3</sup> / <sub>4</sub>
			55091	★ 12	<b>36PAR36/CAP/WFL32</b>	12	12	Wide Flood	C, C-8	4000	500	1000	32	2 <sup>3</sup> / <sub>4</sub>
50	PAR36	Screw Term	55118	★ 12	<b>50PAR36/CAP/NSP6</b>	12	12	Narrow Spot	C, C-8	4000	700	25000	6	2 <sup>3</sup> / <sub>4</sub>

### CAPSYLITE IR® PAR38

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)			
50	PAR38	E26 Med Skt	14136	★ ④ ⑤ ⑥ ⑦ 4,8,9,10	<b>50PAR/CAP/IR/SP9</b>	120	15	Spot	C, CC-8	3000	850	14000	9	5 <sup>5</sup> / <sub>16</sub>			
			14138	★ ④ ⑤ ⑥ ⑦ 4,8,9,10	<b>50PAR/CAP/IR/NFL25</b>	120	15	Narrow Flood	C, CC-8	3000	850	3000	25	5 <sup>5</sup> / <sub>16</sub>			
60	PAR38	E26 Med Skt	14485	★ ④ ⑤ ⑥ ⑦ 4,8,9,10	<b>60PAR/CAP/IR/SP9</b>	120	15	Spot	C, CC-8	3000	1110	20000	9	5 <sup>5</sup> / <sub>16</sub>			
			14716	★ ④ ⑤ ⑥ ⑦ 4,8,9,10	<b>60PAR/CAP/IR/SP9</b>	130	15	Spot	C, CC-8	3000	1110	20000	9	5 <sup>5</sup> / <sub>16</sub>			
			<i>@ 120 volts, approximate 53 watts, 845 lumens, 6000 hours</i>														
			14360	★ ④ ⑤ ⑥ ⑦ 4,8,9,10	<b>60PAR/CAP/IR/WSP12</b>	120	15	Wide Spot	C, CC-8	3000	1110	12000	12	5 <sup>5</sup> / <sub>16</sub>			
			14442	★ ④ ⑤ ⑥ ⑦ 4,8,9,10	<b>60PAR/CAP/IR/NFL25</b>	120	15	Narrow Flood	C, CC-8	3000	1110	5000	25	5 <sup>5</sup> / <sub>16</sub>			
			14466	★ ④ ⑤ ⑥ ⑦ 4,8,9,10	<b>60PAR/CAP/IR/FL30</b>	120	15	Flood	C, CC-8	3000	1110	3600	30	5 <sup>5</sup> / <sub>16</sub>			
			14715	★ ④ ⑤ ⑥ ⑦ 4,8,9,10	<b>60PAR/CAP/IR/FL30</b>	130	15	Flood	C, CC-8	3000	1110	3600	30	5 <sup>5</sup> / <sub>16</sub>			
<i>@ 120 volts, approximate 53 watts, 845 lumens, 6000 hours</i>																	
80	PAR38	E26 Med Skt	14347	★ ④ ⑤ ⑥ 4,9,10	<b>80PAR/CAP/IR/SP10</b>	120	12	Spot	C, CC-8	3000	1500	25000	10	5 <sup>5</sup> / <sub>16</sub>			
			14327	★ ④ ⑤ ⑥ 4,9,10	<b>80PAR/CAP/IR/FL25</b>	120	12	Flood	C, CC-8	3000	1500	5500	25	5 <sup>5</sup> / <sub>16</sub>			



PAR38

# CAPSYLITE® PAR LAMPS

## CAPSYLITE IR® PAR38

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)
100	PAR38	E26 Med Skt	14324	★ [IR] [E] [9,10]	<b>100PAR/CAP/IR/SP10</b>	120	12	Spot	C, CC-8	3000	2070	29000	10	5 <sup>5</sup> / <sub>16</sub>
			14319	★ [IR] [E] [9,10]	<b>100PAR/CAP/IR/NFL25</b>	120	12	Narrow Flood	C, CC-8	3000	2070	6300	25	5 <sup>5</sup> / <sub>16</sub>
			14311	★ [IR] [E] [9,10]	<b>100PAR/CAP/IR/FL40</b>	120	12	Flood	C, CC-8	3000	2070	3400	40	5 <sup>5</sup> / <sub>16</sub>

## CAPSYLITE® PAR38 LAMPS

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)			
45	PAR38	E26 Med Skt	15538	★ [IR] [E] [9]	<b>45PAR/HAL/SPL/SP/RP</b>	120	6	Spot	C, CC-8	2500	560	10000	9	5 <sup>5</sup> / <sub>16</sub>			
			14590	★ [IR] [E] [9]	<b>45PAR/CAP/SPL/SP9</b>	120	15	Spot	C, CC-8	2500	560	10000	9	5 <sup>5</sup> / <sub>16</sub>			
			14593	★ [IR] [E] [9]	<b>45PAR/CAP/SPL/SP9</b>	130	15	Spot	C, CC-8	2500	560	10000	9	5 <sup>5</sup> / <sub>16</sub>			
			<i>@ 120 volts, approximate 40 watts, 400 lumens, 5000 hours</i>														
			14589	★ [IR] [E] [9]	<b>45PAR/CAP/SPL/WSP12</b>	120	15	Wide Spot	C, CC-8	2500	560	6300	12	5 <sup>5</sup> / <sub>16</sub>			
			14592	★ [IR] [E] [9]	<b>45PAR/CAP/SPL/WSP12</b>	130	15	Wide Spot	C, CC-8	2500	560	6300	12	5 <sup>5</sup> / <sub>16</sub>			
			<i>@ 120 volts, approximate 40 watts, 400 lumens, 5000 hours</i>														
			15537	★ [IR] [E] [9]	<b>45PAR/HAL/SPL/FL/RP</b>	120	6	Flood	C, CC-8	2500	560	1500	30	5 <sup>5</sup> / <sub>16</sub>			
			14588	★ [IR] [E] [9]	<b>45PAR/CAP/SPL/FL30</b>	120	15	Flood	C, CC-8	2500	560	1500	30	5 <sup>5</sup> / <sub>16</sub>			
			14591	★ [IR] [E] [9]	<b>45PAR/CAP/SPL/FL30</b>	130	15	Flood	C, CC-8	2500	560	1500	30	5 <sup>5</sup> / <sub>16</sub>			
<i>@ 120 volts, approximate 40 watts, 400 lumens, 5000 hours</i>																	
60	PAR38	E26 Med Skt	14549	★ [IR] [E] [9]	<b>60PAR/HAL/SPL/SP/XTRA/RP</b>	120	6	Spot	C, CC-8	3000	850	16000	9	5 <sup>5</sup> / <sub>16</sub>			
			14469	★ [IR] [E] [9]	<b>60PAR/CAP/SPL/SP9</b>	120	15	Spot	C, CC-8	3000	850	16000	9	5 <sup>5</sup> / <sub>16</sub>			
			14449	★ [IR] [E] [9]	<b>60PAR/CAP/SPL/SP9</b>	130	15	Spot	C, CC-8	3000	850	16000	9	5 <sup>5</sup> / <sub>16</sub>			
			<i>@ 120 volts, approximate 53 watts, 700 lumens, 5000 hours</i>														
			14423	★ [IR] [E] [9]	<b>60PAR/CAP/SPL/WSP12</b>	120	15	Wide Spot	C, CC-8	3000	850	10500	12	5 <sup>5</sup> / <sub>16</sub>			
			14472	★ [IR] [E] [9]	<b>60PAR/CAP/SPL/NFL25</b>	120	15	Narrow Flood	C, CC-8	3000	850	3300	25	5 <sup>5</sup> / <sub>16</sub>			
			14548	★ [IR] [E] [9]	<b>60PAR/HAL/SPL/FL/XTRA/RP</b>	120	6	Flood	C, CC-8	3000	850	2500	30	5 <sup>5</sup> / <sub>16</sub>			
			14468	★ [IR] [E] [9]	<b>60PAR/CAP/SPL/FL30</b>	120	15	Flood	C, CC-8	3000	850	2500	30	5 <sup>5</sup> / <sub>16</sub>			
75	PAR38	E26 Med Skt	14448	★ [IR] [E] [9]	<b>60PAR/CAP/SPL/FL30</b>	130	15	Flood	C, CC-8	3000	850	2500	30	5 <sup>5</sup> / <sub>16</sub>			
			<i>@ 120 volts, approximate 53 watts, 700 lumens, 5000 hours</i>														
75	PAR38	E26 Med Skt	14854	★ [IR] [E] [9]	<b>75PAR/HAL/SPL/SP/RP</b>	120	6	Spot	C, CC-8	2500	1060	19200	9	5 <sup>5</sup> / <sub>16</sub>			

TUNGSTEN HALOGEN



PAR38

PAR38

# CAPSYLITE® PAR LAMPS

## CAPSYLITE® PAR38 LAMPS

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)		
75	PAR38	E26 Med Skt	14514	★ [Symbol] [Symbol] [Symbol] 9	<b>75PAR/CAP/SPL/SP9</b>	120	15	Spot	C, CC-8	2500	1060	19200	9	5 <sup>5</sup> / <sub>16</sub>		
			14516	★ [Symbol] [Symbol] [Symbol] 1,9	<b>75PAR/CAP/SPL/SP9</b>	130	15	Spot	C, CC-8	2500	1060	19200	9	5 <sup>5</sup> / <sub>16</sub>		
			<i>@ 120 volts, approximate 66 watts, 810 lumens, 5000 hours</i>													
			14510	★ [Symbol] [Symbol] [Symbol] 9	<b>75PAR/CAP/SPL/WSP12</b>	120	15	Wide Spot	C, CC-8	2500	1060	12300	12	5 <sup>5</sup> / <sub>16</sub>		
			14853	★ [Symbol] [Symbol] [Symbol] 9	<b>75PAR/HAL/SPL/FL/RP</b>	120	6	Flood	C, CC-8	2500	1060	3150	30	5 <sup>5</sup> / <sub>16</sub>		
			14513	★ [Symbol] [Symbol] [Symbol] 9	<b>75PAR/CAP/SPL/FL30</b>	120	15	Flood	C, CC-8	2500	1060	3150	30	5 <sup>5</sup> / <sub>16</sub>		
			14515	★ [Symbol] [Symbol] [Symbol] 1,9	<b>75PAR/CAP/SPL/FL30</b>	130	15	Flood	C, CC-8	2500	1060	3150	30	5 <sup>5</sup> / <sub>16</sub>		
			<i>@ 120 volts, approximate 66 watts, 810 lumens, 5000 hours</i>													
90	PAR38	E26 Med Skt	15539	★ [Symbol] [Symbol] [Symbol] 9	<b>90PAR/HAL/SPL/SP/RP</b>	120	6	Spot	C, CC-8	2500	1310	22200	9	5 <sup>5</sup> / <sub>16</sub>		
			14586	★ [Symbol] [Symbol] [Symbol] 9	<b>90PAR/CAP/SPL/SP9</b>	120	15	Spot	C, CC-8	2500	1310	22200	9	5 <sup>5</sup> / <sub>16</sub>		
			14587	★ [Symbol] [Symbol] [Symbol] 1,9	<b>90PAR/CAP/SPL/SP9</b>	130	15	Spot	C, CC-8	2500	1310	22200	9	5 <sup>5</sup> / <sub>16</sub>		
			<i>@ 120 volts, approximate 79 watts, 1015 lumens, 5000 hours</i>													
			14580	★ [Symbol] [Symbol] [Symbol] 9	<b>90PAR/CAP/SPL/WSP12</b>	120	15	Wide Spot	C, CC-8	2500	1310	14300	12	5 <sup>5</sup> / <sub>16</sub>		
			14578	★ [Symbol] [Symbol] [Symbol] 1,9	<b>90PAR/CAP/SPL/WSP12</b>	130	15	Wide Spot	C, CC-8	2500	1310	14300	12	5 <sup>5</sup> / <sub>16</sub>		
			<i>@ 120 volts, approximate 79 watts, 1015 lumens, 5000 hours</i>													
			14601	★ [Symbol] [Symbol] [Symbol] 1,9	<b>90PAR/CAP/SPL/NFL25</b>	130	15	Narrow Flood	C, CC-8	2500	1310	4700	25	5 <sup>5</sup> / <sub>16</sub>		
			<i>@ 120 volts, approximate 79 watts, 1015 lumens, 5000 hours</i>													
			15545	★ [Symbol] [Symbol] [Symbol] 9	<b>90PAR/HAL/SPL/FL/RP</b>	120	6	Flood	C, CC-8	2500	1310	3500	30	5 <sup>5</sup> / <sub>16</sub>		
120	PAR38	E26 Med Skt	14579	★ [Symbol] [Symbol] [Symbol] 9	<b>90PAR/CAP/SPL/FL30</b>	120	15	Flood	C, CC-8	2500	1310	3500	30	5 <sup>5</sup> / <sub>16</sub>		
			14577	★ [Symbol] [Symbol] [Symbol] 1,9	<b>90PAR/CAP/SPL/FL30</b>	130	15	Flood	C, CC-8	2500	1310	3500	30	5 <sup>5</sup> / <sub>16</sub>		
			<i>@ 120 volts, approximate 79 watts, 1015 lumens, 5000 hours</i>													
			14602	★ [Symbol] [Symbol] [Symbol] 1,9	<b>90PAR/CAP/SPL/WFL50</b>	130	15	Wide Flood	C, CC-8	2500	1310	1600	50	5 <sup>5</sup> / <sub>16</sub>		
			<i>@ 120 volts, approximate 79 watts, 1015 lumens, 5000 hours</i>													
			Med Side Prong	14630	★ [Symbol] [Symbol] [Symbol] 9	<b>90PAR/CAP/SPL/3WSP12</b>	120	15	Wide Spot	C, CC-8	2500	1310	14300	12	5 <sup>5</sup> / <sub>16</sub>	
	14632	★ [Symbol] [Symbol] [Symbol] 9	<b>90PAR/CAP/SPL/3FL30</b>	120	15	Flood	C, CC-8	2500	1310	3500	30	5 <sup>5</sup> / <sub>16</sub>				
120	PAR38	E26 Med Skt	14873	★ [Symbol] [Symbol] [Symbol] 9	<b>120PAR/HAL/SPL/SP/XTRA/RP</b>	120	6	Spot	C, CC-8	3000	1800	22500	10	5 <sup>5</sup> / <sub>16</sub>		
			14856	★ [Symbol] [Symbol] [Symbol] 9	<b>120PAR/CAP/SPL/SP10</b>	120	15	Spot	C, CC-8	3000	1800	22500	10	5 <sup>5</sup> / <sub>16</sub>		
			14874	★ [Symbol] [Symbol] [Symbol] 1,9	<b>120PAR/CAP/SPL/SP10</b>	130	15	Spot	C, CC-8	3000	1800	22500	10	5 <sup>5</sup> / <sub>16</sub>		

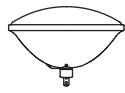
TUNGSTEN HALOGEN



PAR38



PAR30



PAR56



PAR64

### CAPSYLITE® PAR LAMPS

#### CAPSYLITE® PAR38 LAMPS

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)
120	PAR38	E26 Med Skt	14848	★ [Symbol] [Symbol] [Symbol] 9	<b>120PAR/CAP/SPL/NFL25</b>	120	15	Narrow Flood	C, CC-8	3000	1800	7700	25	5 <sup>5</sup> / <sub>16</sub>
			14576	★ [Symbol] [Symbol] [Symbol] 9	<b>120PAR/HAL/SPL/FL/XTRA/RP</b>	120	6	Flood	C, CC-8	3000	1800	4600	30	5 <sup>5</sup> / <sub>16</sub>
			14855	★ [Symbol] [Symbol] [Symbol] 9	<b>120PAR/CAP/SPL/FL30</b>	120	15	Flood	C, CC-8	3000	1800	4600	30	5 <sup>5</sup> / <sub>16</sub>
			14861	★ [Symbol] [Symbol] [Symbol] 1,9	<b>120PAR/CAP/SPL/FL30</b>	130	15	Flood	C, CC-8	3000	1800	4600	30	5 <sup>5</sup> / <sub>16</sub>
			<i>@ 120 volts, approximate 105 watts, 1480 lumens, 6000 hours</i>											
250	PAR38	E26 Med Skt	15526	★ [Symbol] [Symbol] [Symbol] 10,12,14,15,16	<b>250PAR/CAP/SPL/SP10</b>	120	6	Spot	C, CC-8	4500	3600	46500	10	5 <sup>5</sup> / <sub>16</sub>
			15558	★ [Symbol] [Symbol] [Symbol] 10,12,14,15,16	<b>250PAR/CAP/SPL/FL30</b>	120	6	Flood	C, CC-8	4500	3600	9000	30	5 <sup>5</sup> / <sub>16</sub>

### CAPSYLITE COOL LUX® LAMPS

#### CAPSYLITE COOL LUX® PAR30

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)
50	PAR30	E26 Med	14916	★ [Symbol] [Symbol] [Symbol] 9,17	<b>50PAR30/CAP/SPL/2NFL25</b>	120	15	Narrow Flood	C, CC-8	2500	600	1850	25	3 <sup>5</sup> / <sub>16</sub>

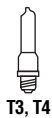
#### CAPSYLITE COOL LUX® PAR38

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)
90	PAR38	E26 Med Skt	14972	★ [Symbol] [Symbol] [Symbol] 9,17	<b>90PAR/CAP/2SP12</b>	120	15	Spot	C, CC-8	2500	1260	12000	12	5 <sup>5</sup> / <sub>16</sub>
			14971	★ [Symbol] [Symbol] [Symbol] 9,17	<b>90PAR/CAP/SPL/2FL30</b>	120	15	Flood	C, CC-8	2500	1260	3750	30	5 <sup>5</sup> / <sub>16</sub>
			14973	★ [Symbol] [Symbol] [Symbol] 1,9,17	<b>90PAR/CAP/SPL/2FL30</b>	130	15	Flood	C, CC-8	2500	1300	3750	30	5 <sup>5</sup> / <sub>16</sub>
<i>@ 120 volts, approximate 79 watts, 1015 lumens, 5000 hours</i>														

### LARGE PAR LAMPS

A suitable protective shield, screening technique or both shall be used to protect people and surroundings from the possibility of a lamp shattering and from possible ultraviolet radiation.

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)
500	PAR56	Ext Mog End Pr	56210	★ 2,18,19	<b>500PAR56Q/NSP</b>	120	12	Narrow Spot	C, CC-6	4000	8800	78500	8x15	5
			56211	★ 2,18,19	<b>500PAR56Q/MFL</b>	120	12	Medium Flood	C, CC-6	4000	8800	40000	11x30	5
			56212	★ 2,18,19	<b>500PAR56Q/WFL</b>	120	12	Wide Flood	C, CC-6	4000	8800	19500	20x45	5
1000	PAR64	Ext Mog End Pr	56206	★ 2,18,19	<b>1000PAR64Q/NSP</b>	120	6	Narrow Spot	C, CC-6	4000	19400	135000	8x20	6
			56207	★ 2,18,19	<b>1000PAR64Q/MFL</b>	120	6	Medium Flood	C, CC-6	4000	19400	82000	10x30	6
			56208	★ 2,18,19	<b>1000PAR64Q/WFL</b>	120	6	Wide Flood	C, CC-6	4000	19400	23000	20x60	6



## CAPSYLITE® G9 LAMPS

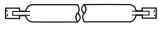
Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Lamp Finish	Class & Filament	Avg Rated Life(hrs)	Lumens	LCL (in)	MOL (in)
25	T4	G9 Bipin	57000☉	5,10	<b>25CAPSYLITE/G9/CL</b>	120	10	Clear	C, AX2Q3	2000	255	1 <sup>1</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>8</sub>
			57001☉	5,10	<b>25CAPSYLITE/G9/F</b>	120	10	Frosted	C, AX2Q3	2000	230	1 <sup>1</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>8</sub>
40	T4	G9 Bipin	57002☉	5,10	<b>40CAPSYLITE/G9/CL</b>	120	10	Clear	C, AX2Q3	2000	510	1 <sup>1</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>8</sub>
			57003☉	5,10	<b>40CAPSYLITE/G9/F</b>	120	10	Frosted	C, AX2Q3	2000	480	1 <sup>1</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>8</sub>
60	T4	G9 Bipin	57004☉	5,10	<b>60CAPSYLITE/G9/CL</b>	120	10	Clear	C, AX2Q3	2000	830	1 <sup>1</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>8</sub>
			57005☉	10	<b>60CAPSYLITE/G9/F</b>	120	10	Frosted	C, AX2Q3	2000	790	1 <sup>1</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>8</sub>

## SUPER Q® - SINGLE END QUARTZ LAMPS

A suitable protective shield, screening technique or both shall be used to protect people and surroundings from the possibility of a lamp shattering and from possible ultraviolet radiation.

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Lamp Finish	Class & Filament	Avg Rated Life(hrs)	Lumens	LCL (in)	MOL (in)
75	T3	E10	58876	☉ 2,20	<b>75Q/CL/MS</b>	28	12	Clear	C, CC-6	2000	1400	1 <sup>3</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>
		E11 Mini Can	58884	☉ 2,20	<b>75Q/CL/MC/RP</b>	120	6	Clear	C, CC-8	2000	1400	1 <sup>3</sup> / <sub>16</sub>	2 <sup>9</sup> / <sub>16</sub>
100	T4	DC Bayonet	18858	☉ 2,20	<b>100Q/CL/DC/64485</b>	120	10	Clear	C, CC-2V	2000	1600	2 <sup>3</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>8</sub>
			58755	☉ 2,20	<b>100Q/CL/DC(ESR)</b>	120	12	Clear	C, CC-2V	1000	1900	1 <sup>3</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>16</sub>
			58757	☉ 2,20	<b>100Q/DC(ETD)</b>	120	12	Frosted	C, CC-2V	1000	1750	1 <sup>3</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>16</sub>
			58732	☉ 2,20	<b>100Q/CL/DC</b>	130	12	Clear	C, CC-2V	1000	1900	1 <sup>3</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>16</sub>
		E11 Mini Can	58817	☉ 2,20	<b>100Q/CL/MC/RP(ESN)</b>	120	6	Clear	C, CC-8	1000	1800	1 <sup>3</sup> / <sub>8</sub>	2 <sup>9</sup> / <sub>16</sub>
			58761	☉ 2,20	<b>100Q/CL/MC(ESN)</b>	120	12	Clear	C, CC-2V	1000	1800	1 <sup>3</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>
150	T4	DC Bayonet	58741	☉ 2,20	<b>150Q/CL/DC(ETC)</b>	120	12	Clear	C, CC-8	2000	2800	1 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>4</sub>
			58742	☉ 2,20	<b>150Q/CL/DC/1(ESP)</b>	120	12	Clear	C, CC-2V	1000	2400	1 <sup>3</sup> / <sub>8</sub>	2 <sup>7</sup> / <sub>16</sub>
			58737	☉ 2,20	<b>150Q/DC(ETF)</b>	120	12	Frosted	C, CC-8	2000	2700	1 <sup>1</sup> / <sub>2</sub>	2 <sup>3</sup> / <sub>4</sub>
			58748	☉ 2,20	<b>150Q/CL/DC</b>	130	12	Clear	C, CC-2V	1000	2800	1 <sup>3</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>
		E11 Mini Can	58731	☉ 2,20	<b>150Q/CL/MC/RP(ETG)</b>	120	6	Clear	C, CC-8	2000	2800	1 <sup>3</sup> / <sub>8</sub>	3
			58738	☉ 2,20	<b>150Q/CL/MC(ESL)</b>	120	12	Clear	C, CC-2V	1000	2800	1 <sup>3</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>
			58735	☉ 2,20	<b>150Q/CL/MC/2(ETG)</b>	120	12	Clear	C, CC-8	2000	2800	1 <sup>1</sup> / <sub>2</sub>	3
			58736	☉ 2,20	<b>150Q/MC(ETH)</b>	120	12	Frosted	C, CC-8	2000	2700	1 <sup>1</sup> / <sub>2</sub>	3
			58733	☉ 2,20	<b>150Q/CL/MC</b>	130	12	Clear	C, CC-2V	1000	2800	1 <sup>3</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>
			250	T4	DC Bayonet	58720	☉ 2,20	<b>250Q/CL/DC(ESS)</b>	120	12	Clear	C, CC-8	2000
58753	☉ 2,20	<b>250Q/DC(ETB)</b>				120	12	Frosted	C, CC-8	2000	4850	1 <sup>5</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>8</sub>
58754	☉ 2,20	<b>250Q/DC</b>				130	12	Frosted	C, CC-8	2000	4850	1 <sup>5</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>8</sub>
E11 Mini Can	58773	☉ 2,20				<b>250Q/CL/MC/RP(EHT)</b>	120	6	Clear	C, CC-8	2000	5000	1 <sup>3</sup> / <sub>8</sub>
	58762	☉ 2,20			<b>250Q/CL/MC(EHT)</b>	120	12	Clear	C, CC-8	2000	5000	1 <sup>5</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>8</sub>
	58763	☉ 2,20			<b>250Q/MC(ESM)</b>	120	12	Frosted	C, CC-8	2000	4850	1 <sup>5</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>8</sub>
	58764	☉ 2,20			<b>250Q/CL/MC</b>	130	12	Clear	C, CC-8	2000	5000	1 <sup>5</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>8</sub>
500	T4	E11 Mini Can			58766	☉ 2,20	<b>500Q/CL/MC(EVR)</b>	120	12	Clear	C, CC-8	2000	10450
			58767	☉ 2,20	<b>500Q/MC(EYX)</b>	120	12	Frosted	C, CC-8	2000	10100	2	3 <sup>3</sup> / <sub>4</sub>
			58756	☉ 2,20	<b>500Q/CL/MC(EYW)</b>	130	12	Clear	C, CC-8	2000	10000	2	3 <sup>3</sup> / <sub>4</sub>
			58768	☉ 2,20	<b>500Q/MC(EYV)</b>	130	12	Frosted	C, CC-8	2000	10000	2	3 <sup>3</sup> / <sub>4</sub>
750	T4	E11 Mini Can	58769	☉ 2,20	<b>750Q/CL/MC(EYT)</b>	120	12	Clear	C, CC-8	500	16500	2	3 <sup>3</sup> / <sub>4</sub>





T3



BiPin IR



T3, T4

## DOUBLE END LAMPS

### DOUBLE END QUARTZ

A suitable protective shield, screening technique or both shall be used to protect people and surroundings from the possibility of a lamp shattering and from possible ultraviolet radiation.

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Lamp Finish	Class & Filament	Avg Rated Life(hrs)	Lumens	LCL (in)	MOL (in)
100	T3	RSC	58887	—2,20	<b>100T3Q/S/CL/RP</b>	120	6	Clear	C, C-8	2000	1600		3 1/8
			58909	C 2,20	<b>100T3Q/CL</b>	120	12	Clear	C, CC-8	2000	1600		4 11/16
150	T3	RSC	58885	C 2,20	<b>150T3Q/CL/RP</b>	120	6	Clear	C, C-8	1500	2250		4 11/16
			58886	C 2,20	<b>150T3Q/S/CL/RP</b>	120	6	Clear	C, CC-8	2000	2800		3 1/8
			58915	C 2,20	<b>150T3/Q/S/CL</b>	120	12	Clear	C, CC-8	2000	2800		3 1/8
200	T3	RSC	58917	—2,20	<b>200T3Q/CL</b>	120	12	Clear	C, CC-8	2000	3600		4 11/16
300	T3	RSC	58920	—2,20	<b>300T3Q/CL/RP(EHM)</b>	120	6	Clear	C, C-8	2000	6000		4 11/16
			58923	—2,20	<b>300T3Q/CL(EHM)</b>	120	12	Clear	C, C-8	2000	6000		4 11/16
			58919	—2,20	<b>300T3Q/CL</b>	130	12	Clear	C, C-8	2000	5950		4 11/16
500	T3	RSC	58865	—2,20	<b>500T3Q/CL/RP(FCL)</b>	120	6	Clear	C, CC-8	2000	8750		4 11/16
			58883	—2,20	<b>500T3Q(FCZ)</b>	120	12	Frosted	C, C-8	2000	9300		4 11/16
			58856	—2,20	<b>500T3Q/CL(FCL)</b>	120	12	Clear	C, CC-8	2000	8750		4 11/16
			58902	—2,20	<b>500T3Q/CL</b>	130	12	Clear	C, C-8	2000	8750		4 11/16
1000	T3	RSC	58948	—2,20	<b>1000T3Q/CL</b>	240	12	Clear	C, C-8	2000	21500		10 1/16
1500	T3	RSC	58859	—2,20	<b>1500T3Q/CL208V</b>	208	12	Clear	C, C-8	2000	33000		10 1/16
			58857	—2,20	<b>1500T3Q/CL240V</b>	240	12	Clear	C, C-8	2000	33000		10 1/16
			58858	—2,20	<b>1500T3Q/CL277V</b>	277	12	Clear	C, C-8	2000	33000		10 1/16

## BI-PIN LAMPS

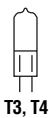
### BI-PIN IR

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Lamp Finish	Class & Filament	Avg Rated Life(hrs)	Lumens	LCL (in)	MOL (in)
37	BT4	GY6.35	58683	4,5,6	<b>37BT4Q/IR</b>	12	40	Clear	C, AX	4000	900	1 3/16	1 3/4
50	BT4	GY6.35	58687	4,5,6	<b>50BT4Q/IR</b>	12	40	Clear	C, AX	4000	1320	1 3/16	1 3/4

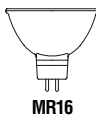
### STARLITE® BI-PIN LAMPS

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Lamp Finish	Class & Filament	Avg Rated Life(hrs)	Lumens	LCL (in)	MOL (in)
5	T3	G4	58690	6,21,22	<b>5T3Q/CL/TR</b>	12	40	Clear	C, TR	4000	60	7/8	1 1/4
10	T3	G4	58691	6,21,22	<b>10T3Q/CL/AX</b>	12	40	Clear	C, AX	4000	130	7/8	1 1/4
			58692	6,21,22	<b>10T3Q/CL/AX6V</b>	6	40	Clear	C, AX	4000	130	7/8	1 1/4
20	T3	G4	58694	6,21,22,23	<b>20T3Q/CL/AX</b>	12	40	Clear	C, AX	4000	320	7/8	1 1/4
	T4	GY6.35	58663	6,22	<b>20T4Q/CL/AX</b>	12	40	Clear	C, AX	4000	320	1 1/8	1 3/4
35	T4	GY6.35	58672	6,22	<b>35T4Q/CL/AX</b>	12	40	Clear	C, AX	4000	600	1 1/8	1 3/4
50	T4	GY6.35	58676	6,22,23	<b>50T4Q/CL/AX</b>	12	40	Clear	C, AX	4000	930	1 1/8	1 3/4
75	T4	GY6.35	58680	6,22,23	<b>75T4Q/CL/AX</b>	12	40	Clear	C, AX	4000	1450	1 1/8	1 3/4
90	T4	GY6.35	58684	6,22	<b>90T4Q/CL/AX</b>	12	40	Clear	C, AX	4000	1800	1 1/8	1 3/4





T3, T4



MR16

## BI-PIN LAMPS STANDARD BI-PIN LAMPS

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Lamp Finish	Class & Filament	Avg Rated Life(hrs)	Lumens	LCL (in)	MOL (in)
5	T3	G4	58652	6,20,21,23,25	<b>5T3Q/CL</b>	12	40	Clear	C, TR	2000	60	7/8	1 1/4
			58651	6,20,21,26	<b>5T3Q/F</b>	12	40	Frosted	C, TR	2000	55	7/8	1 1/4
10	T3	G4	58658	6,20,21,25	<b>10T3Q/CL</b>	12	40	Clear	C, TR	2000	140	7/8	1 1/4
			58656	6,20,21,26	<b>10T3Q/F</b>	12	40	Frosted	C, TR	2000	130	7/8	1 1/4
			58659	6,20,21,25	<b>10T3Q/CL/BULK</b>	12	4800	Clear	C, TR	2000	140	7/8	1 1/4
20	T3	G4	58661	6,20,21,25	<b>20T3Q/CL</b>	12	40	Clear	C, TR	2000	320	7/8	1 1/4
			58695	6,20,21,26	<b>20T3Q/F</b>	12	40	Frosted	C, TR	2000	300	7/8	1 1/4
			58666	6,20,21,25	<b>20T3Q/CL/BULK</b>	12	1050	Clear	C, TR	2000	320	7/8	1 1/4
50	T4	GY6.35	58675	20,25	<b>50T4Q/CL</b>	12	40	Clear	C, TR	2000	930	1 1/8	1 3/4
			58698	6,20,26	<b>50T4Q/F</b>	12	40	Frosted	C, TR	2000	830	1 1/8	1 3/4
			58674	20,25	<b>50T4Q/CL/BULK</b>	12	400	Clear	C, TR	2000	930	1 1/8	1 3/4

## CARDED BI-PIN LAMPS

A suitable protective shield, screening technique or both shall be used to protect people and surroundings from the possibility of a lamp shattering and from possible ultraviolet radiation.

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Lamp Finish	Class & Filament	Avg Rated Life(hrs)	Lumens	LCL (in)	MOL (in)
10	T3	G4	58650	20,24,25	<b>10T3Q/CL/RP</b>	12	6	Clear	C, TR	2000	140	7/8	1 1/4
20	T3	G4	58655	20,24,25	<b>20T3Q/CL/RP</b>	12	6	Clear	C, TR	2000	320	7/8	1 1/4
50	T4	GY6.35	58660	20,24,25	<b>50T4Q/CL/RP</b>	12	6	Clear	C, TR	2000	930	1 1/8	1 3/4
75	T4	GY6.35	58665	20,24,25	<b>75T4Q/CL/RP</b>	12	6	Clear	C, TR	2000	1200	1 1/8	1 3/4

## BI-PIN LAMPS 24VOLT

A suitable protective shield, screening technique or both shall be used to protect people and surroundings from the possibility of a lamp shattering and from possible ultraviolet radiation.

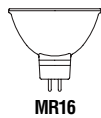
Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Lamp Finish	Class & Filament	Avg Rated Life(hrs)	Lumens	LCL (in)	MOL (in)
20	T3	G4	58662	24,27	<b>20T3Q/CL/24V</b>	24	40	Clear	C, AX	1000	350	7/8	1 1/4
50	T4	GY6.35	58678	24,27	<b>50T4Q/CL/AX/24V</b>	24	40	Clear	C, AX	2000	850	1 1/8	1 3/4

## TRU-AIM IR® MR16 LAMPS

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

A suitable protective shield, screening technique or both shall be used to protect people and surroundings from the possibility of a lamp shattering and from possible ultraviolet radiation.

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)
37	MR16	GU5.3	58641	☀️2,4,7	<b>37MR16/IR/SP10</b>	12	20	Narrow Spot	C, AX	4000	13100	10	1 3/4	
			58634	☀️2,4,7	<b>37MR16/IR/NFL25</b>	12	20	Narrow Flood	C, AX	4000	4600	25	1 3/4	
			58633	☀️2,4,7	<b>37MR16/IR/FL40</b>	12	20	Flood	C, AX	4000	2500	40	1 3/4	
50	MR16	GU5.3	54175	☀️2,4,7	<b>50MR16/IR/SP10</b>	12	20	Spot	C, AX	4000	15700	10	1 3/4	
			54174	☀️2,4,7	<b>50MR16/IR/NFL25</b>	12	20	Narrow Flood	C, AX	4000	6000	25	1 3/4	
			54173	☀️2,4,7	<b>50MR16/IR/FL40</b>	12	20	Flood	C, AX	4000	3000	40	1 3/4	



MR16

## TRU-AIM TITAN® MR16 LAMPS

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

A suitable protective shield, screening technique or both shall be used to protect people and surroundings from the possibility of a lamp shattering and from possible ultraviolet radiation.

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)
20	MR16	GU5.3	58550	☀️ 24,28	<b>20MR16/T/NSP10(ESX)</b>	12	10	Narrow Spot	C, AX	4000	5000		10	1 3/4
			58551	☀️ 24,28	<b>20MR16/T/FL40(BAB)</b>	12	10	Flood	C, AX	4000	700		40	1 3/4
			58562	☀️ 24,28	<b>20MR16/T/VWFL60</b>	12	10	Very Wide Flood	C, AX	4000	350		60	1 3/4
35	MR16	GU5.3	58558	☀️ 24,28	<b>35MR16/T/NSP10(FRB)</b>	12	10	Narrow Spot	C, AX	4000	8300		10	1 3/4
			58547	☀️ 24,28	<b>35MR16/T/NFL25</b>	12	10	Narrow Flood	C, AX	4000	3100		25	1 3/4
			58557	☀️ 24,28	<b>35MR16/T/FL40(FMW)</b>	12	10	Flood	C, AX	4000	1250		40	1 3/4
			58552	☀️ 24,28	<b>35MR16/T/VWFL60</b>	12	10	Very Wide Flood	C, AX	4000	650		60	1 3/4
50	MR16	GU5.3	58556	☀️ 24,28	<b>50MR16/T/NSP10(EXT)</b>	12	10	Narrow Spot	C, AX	4000	11500		10	1 3/4
			58555	☀️ 24,28	<b>50MR16/T/NFL25(EXZ)</b>	12	10	Narrow Flood	C, AX	4000	3200		25	1 3/4
			58554	☀️ 24,28	<b>50MR16/T/FL40(EXN)</b>	12	10	Flood	C, AX	4000	2000		40	1 3/4
			58553	☀️ 24,28	<b>50MR16/T/VWFL60(FNV)</b>	12	10	Very Wide Flood	C, AX	4000	1000		60	1 3/4
65	MR16	GU5.3	58566	☀️ 24,28	<b>65MR16/T/NSP10(FPA)</b>	12	10	Narrow Spot	C, AX	4000	14000		10	1 3/4
			58567	☀️ 24,28	<b>65MR16/T/NFL25</b>	12	10	Narrow Flood	C, AX	4000	4000		25	1 3/4
			58571	☀️ 24,28	<b>65MR16/T/FL40(FPB)</b>	12	10	Flood	C, AX	4000	2100		40	1 3/4
			58572	☀️ 24,28	<b>65MR16/T/VWFL60</b>	12	10	Very Wide Flood	C, AX	4000	1050		60	1 3/4

## TRU-AIM BRILLIANT® MR16 LAMPS

UV Stop capsule with axial filament in aluminized reflector.

A suitable protective shield, screening technique or both shall be used to protect people and surroundings from the possibility of a lamp shattering and from possible ultraviolet radiation.

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)
20	MR16	GU5.3	58589	☀️ 24,29,30,31,32	<b>20MR16/B/NSP8</b>	12	10	Narrow Spot	C, AX	4000	4650		8	1 3/4
			58590	☀️ 24,29,30,31,32	<b>20MR16/B/FL35(BAB)</b>	12	10	Flood	C, AX	4000	625		35	1 3/4
35	MR16	GU5.3	58591	☀️ 24,29,30,31,32	<b>35MR16/B/NSP10(FRB)</b>	12	10	Narrow Spot	C, AX	4000	8700		10	1 3/4
			58593	☀️ 24,29,30,31,32	<b>35MR16/B/FL35</b>	12	10	Flood	C, AX	4000	1300		35	1 3/4
50	MR16	GU5.3	58594	☀️ 24,29,30,31,32	<b>50MR16/B/NSP11(EXT)</b>	12	10	Narrow Spot	C, AX	4000	10500		11	1 3/4
			58595	☀️ 24,29,30,31,32	<b>50MR16/B/NFL25(EXZ)</b>	12	10	Narrow Flood	C, AX	4000	3000		25	1 3/4
			58596	☀️ 24,29,30,31,32	<b>50MR16/B/FL35(EXN)</b>	12	10	Flood	C, AX	4000	1900		35	1 3/4
65	MR16	GU5.3	58559	☀️ 24,29,30,31,32	<b>65MR16/B/NSP10</b>	12	10	Narrow Spot	C, AX	4000	12500		10	1 3/4
			58561	☀️ 24,29,30,31,32	<b>65MR16/B/NFL25(FPC)</b>	12	10	Narrow Flood	C, AX	4000	3600		25	1 3/4



MR16, MR11

## TRU-AIM BRILLIANT® MR16 LAMPS

**UV Stop capsule with axial filament in aluminized reflector.**

A suitable protective shield, screening technique or both shall be used to protect people and surroundings from the possibility of a lamp shattering and from possible ultraviolet radiation.

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)
65	MR16	GU5.3	58560	☀️ 24,29,30,31,32	<b>65MR16/B/FL35</b>	12	10	Flood	C, AX	4000	2100		35	1 ¾

## TRU-AIM® MR16 LAMPS

**UV Stop capsule with axial filament in dichroic reflector.**

A suitable protective shield, screening technique or both shall be used to protect people and surroundings from the possibility of a lamp shattering and from possible ultraviolet radiation.

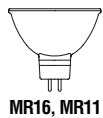
Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)
20	MR16	GU5.3	58576	☀️ 24,34	<b>20MR16/NSP/RP(ESX)</b>	12	6	Narrow Spot	C, AX	4000	6000		8	1 ¾
			54201	☀️ 24,34	<b>20MR16/NSP8(ESX)</b>	12	20	Narrow Spot	C, AX	4000	6000		8	1 ¾
			58646	☀️ 24,34	<b>20MR16/FL/RP(BAB)</b>	12	6	Flood	C, AX	4000	700		40	1 ¾
			54200	☀️ 24,34	<b>20MR16/FL40(BAB)</b>	12	20	Flood	C, AX	4000	700		40	1 ¾
35	MR16	GU5.3	54204	☀️ 24,34	<b>35MR16/NSP8(FRB)</b>	12	20	Narrow Spot	C, AX	4000	11000		8	1 ¾
			58602	☀️ 24,34	<b>35MR16/SP20(FRA)</b>	12	10	Spot	C, AX	4000	2800		20	1 ¾
			54203	☀️ 24,34	<b>35MR16/FL40(FMW)</b>	12	20	Flood	C, AX	4000	1400		40	1 ¾
50	MR16	GU5.3	58629	☀️ 24,34	<b>50MR16/NSP/RP(EXT)</b>	12	6	Narrow Spot	C, AX	4000	11000		12	1 ¾
			54208	☀️ 24,34	<b>50MR16/NSP12(EXT)</b>	12	20	Narrow Spot	C, AX	4000	11000		12	1 ¾
			54205	☀️ 24,34	<b>50MR16/NFL25(EXZ)</b>	12	20	Narrow Flood	C, AX	4000	3200		25	1 ¾
			58983	☀️ 24,34	<b>50MR16/FL/RP(EXN)</b>	12	6	Flood	C, AX	4000	2000		40	1 ¾
			54207	☀️ 24,34	<b>50MR16/FL40(EXN)</b>	12	20	Flood	C, AX	4000	2000		40	1 ¾
			54180	☀️ 24,34	<b>50MR16/FL/Bulk(EXN)</b>	12	140	Flood	C, AX	4000	2000		40	1 ¾
			54206	☀️ 24,34	<b>50MR16/VWFL60(FNV)</b>	12	20	Very Wide Flood	C, AX	4000	1200		60	1 ¾
			58563	☀️ 24,34	<b>65MR16/NSP10(FPA)</b>	12	10	Narrow Spot	C, AX	4000	14000		10	1 ¾
65	MR16	GU5.3	58565	☀️ 24,34	<b>65MR16/NFL25(FPC)</b>	12	10	Narrow Flood	C, AX	4000	4000		25	1 ¾
			58564	☀️ 24,34	<b>65MR16/FL40(FPB)</b>	12	10	Flood	C, AX	4000	2100		40	1 ¾

## TRU-AIM® MR11 LAMPS

**UV Stop capsule with axial filament in dichroic reflector.**

A suitable protective shield, screening technique or both shall be used to protect people and surroundings from the possibility of a lamp shattering and from possible ultraviolet radiation.

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)
20	MR11	GU4	55109	☀️ 24,30,31,32,34	<b>20MR11/SP10(FTB)</b>	12	10	Spot	C, AX	4000	5500		10	1 ½
			55107	☀️ 24,30,31,32,34	<b>20MR11/FL35(FTD)</b>	12	10	Flood	C, AX	4000	700		35	1 ½
35	MR11	GU4	55113	☀️ 24,30,31,32,34	<b>35MR11/SP10(FTE)</b>	12	10	Spot	C, AX	4000	8500		10	1 ½
			55111	☀️ 24,30,31,32,34	<b>35MR11/FL40(FTH)</b>	12	10	Flood	C, AX	4000	1500		40	1 ½



MR16, MR11



AR70

## TRU-AIM® COVERED MR LAMPS

### TRU-AIM IR® COVERED MR16

UV Stop capsule with axial filament in 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	CBCP	Beam Angle	MOL (in)
37	MR16	GU5.3	58654	☀️6,35	<b>37MR16/IR/NFL25/C</b>	12	20	Narrow Flood	C, AX	4000		4600	25	1 3/4

### TRU-AIM TITAN® COVERED MR16

UV Stop capsule with axial filament in 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	CBCP	Beam Angle	MOL (in)
35	MR16	GU5.3	58549	☀️6,36	<b>35MR16/T/NFL25/C</b>	12	10	Narrow Flood	C, AX	4000		1650	25	1 3/4

### TRU-AIM BRILLIANT® COVERED MR16

UV Stop capsule with axial filament in aluminized reflector.

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)
20	MR16	GU5.3	58569	☀️6,30,31,32,33	<b>20MR16/B/NSP8/C(ESX)</b>	12	10	Narrow Spot	C, AX	4000		4400	8	1 3/4
			58570	☀️6,30,31,32,33	<b>20MR16/B/FL35/C(BAB)</b>	12	10	Flood	C, AX	4000		600	35	1 3/4
35	MR16	GU5.3	58539☉	☀️6,30,31,32,33	<b>35M16/B/NSP8/C</b>	12	10	Narrow Spot	C, AX	4000		8700	8	1 3/4
50	MR16	GU5.3	58574	☀️6,30,31,32,33	<b>50MR16/B/NSP11/C(EXT)</b>	12	10	Narrow Spot	C, AX	4000		10000	11	1 3/4
			58575	☀️6,30,31,32,33	<b>50MR16/B/FL35/C(EXN)</b>	12	10	Flood	C, AX	4000		1800	35	1 3/4

### TRU-AIM COVERED MR11

UV Stop capsule with axial filament in dichroic reflector.

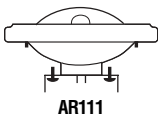
Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)
20	MR11	GU4	55119	☀️6,30,31,32,34	<b>20MR11/FL35/C(FTD)</b>	12	10	Flood	C, AX	4000		700	35	1 5/8
35	MR11	GU4	55122	☀️6,30,31,32,34	<b>35MR11/SP10/C(FTE)</b>	12	10	Spot	C, AX	4000		8500	10	1 5/8

## ALUMINUM REFLECTOR LAMPS

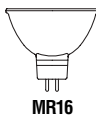
### AR70 ALUMINUM REFLECTOR LAMPS

UV Stop capsule with axial filament in precisely engineered aluminum reflector.

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)
20	AR70	DC Bayonet	59013	6,37	<b>20AR70/SP8</b>	12	10	Spot	C	3000		7700	8	1 15/16
			59012	6,37	<b>20AR70/FL25</b>	12	10	Flood	C	3000		900	25	1 15/16
50	AR70	DC Bayonet	59017	6,37	<b>50AR70/SP8</b>	12	10	Spot	C	3000		12500	8	1 15/16
			59016	6,37	<b>50AR70/FL25</b>	12	10	Flood	C	3000		2600	25	1 15/16



AR111



MR16


## ALUMINUM REFLECTOR LAMPS

### AR111 ALUMINUM REFLECTOR LAMPS









UV Stop capsule with axial filament in precisely engineered aluminum reflector.

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Beam Type	Class & Filament	Avg Rated Life(hrs)	Lumens	CBCP	Beam Angle	MOL (in)
35	AR111	G53	55102	6,37	<b>35AR111/SSP4</b>	12	6	Super Spot	C	3000		45000	4	2 <sup>3</sup> / <sub>8</sub>
			55101	6,37	<b>35AR111/SSP4/6V</b>	6	6	Super Spot	C	3000		30000	4	2 <sup>3</sup> / <sub>8</sub>
			55110	6,37	<b>35AR111/SP8</b>	12	6	Spot	C	3000		14000	8	2 <sup>5</sup> / <sub>16</sub>
			55114	6,37	<b>35AR111/FL25</b>	12	6	Flood	C	3000		2500	25	2 <sup>5</sup> / <sub>16</sub>
50	AR111	G53	55105	6,37	<b>50AR111/SSP4</b>	12	6	Super Spot	C	3000		50000	4	2 <sup>3</sup> / <sub>8</sub>
			55104	6,37	<b>50AR111/SP8</b>	12	6	Spot	C	3000		20000	8	2 <sup>1</sup> / <sub>4</sub>
			55103	6,37	<b>50AR111/FL25</b>	12	6	Flood	C	3000		3500	25	2 <sup>5</sup> / <sub>16</sub>
75	AR111	G53	55125	6,37	<b>75AR111/SP8</b>	12	6	Spot	C	3000		30000	8	2 <sup>1</sup> / <sub>4</sub>
			55123	6,37	<b>75AR111/FL25</b>	12	6	Flood	C	3000		5300	25	2 <sup>5</sup> / <sub>16</sub>
			55124	6,37	<b>75AR111/WFL45</b>	12	6	Wide Flood	C	3000		1700	45	2 <sup>3</sup> / <sub>16</sub>
100	AR111	G53	55129	6,37	<b>100AR111/SP8</b>	12	6	Spot	C	3000		48000	8	2 <sup>1</sup> / <sub>4</sub>
			55127	6,37	<b>100AR111/FL25</b>	12	6	Flood	C	3000		8500	25	2 <sup>5</sup> / <sub>16</sub>
			55128	6,37	<b>100AR111/WFL45</b>	12	6	Wide Flood	C	3000		2800	45	2 <sup>3</sup> / <sub>16</sub>

### SIRIUS MR16 LAMPS

Watts	Bulb	Base	Product Number	Symbols & Footnotes	Ordering Abbreviation	Volts	Pkg Qty	Lamp Finish	Class & Filament	Avg Rated Life(hrs)	Lumens	LCL (in)	MOL (in)
50	MR16 SIG 64005	K23D	58701		<b>50SIRIUS/SIG64005</b>	10	10		C	6000	220		1 <sup>7</sup> / <sub>8</sub>

**SYMBOLS & FOOTNOTES FOR TUNGSTEN HALOGEN LAMPS**

Symbol	Description
	New item introduced within the past year.
	Heat resistant, hard glass.
	PAR lamps are suitable for indoor and outdoor use.
	Operate in any position.
	Operate horizontal.
	This lamp meets minimum Federal efficiency standards.
	New optical system being introduced during 1998.
	This ECOLOGIC® lamp was designed to pass the Federal TCLP criteria for classification as non-hazardous waste in most states. Disposal regulations may vary; check local and state regulations.

Footnote	Description
1	Approximate life for 130 volt tungsten halogen lamps operated at 120 volts is within the value calculated using the recommended equations for standard incandescent lamps, as set forth in the IES Handbook, 8th edition. Because of the uncertain nature of the halogen cycle on the coil when operated at less than rated voltage, life of tungsten halogen lamps varies considerably and unpredictably. OSRAM SYLVANIA does not recommend operation at other than rated voltage.
2	A suitable protective shield, screening technique, or both shall be used to protect people and surroundings from the possibility of a lamp shattering and from possible ultraviolet radiation.
3	Operate only in porcelain sockets.
4	Infrared lamp technology
5	UV Stop Quartz
6	Suitable for open fixtures.
7	UV Control capsule with axial filament in constant color, hard coated dichroic reflector and infrared reflective coating on the lamp capsule.
8	State of the Art SPL Optics
9	In base up operation, heat may eventually deteriorate paper-lined or plastic sockets.
10	To avoid electric shock and/or skin burns, turn off power and allow bulb to cool before handling or attempting replacement.
11	For Indoor Use only.
12	For use indoors or outdoors. When used outdoors, protect the lens of the bulb from direct contact with moisture (rain, snow, etc.) to avoid cracking or breaking.
13	Retrofit for 65BR30/FL, or 75R30/FL.
14	Because this bulb radiates considerable heat, do not use in enclosed, close fitting fixtures, or in close proximity to people, combustible materials, or substances adversely affected by heat or drying.
15	Even though this bulb may continue to light after the lens or reflector is cracked or broken, it should be replaced as soon as possible since the pressure filled inner capsule could unexpectedly shatter, creating a risk of personal injury or property damage. In addition, the inner capsule produces ultraviolet radiation that can cause injury to the eyes and skin with prolonged exposure without the blocking effect of the outer glass bulb.
16	Use only with ceramic/porcelain sockets and in fixtures rated for this bulb type, including voltage and wattage.
17	For use only in fixtures designed specifically for dichroic Reflector Lamps.
18	Should be shielded against moisture falling on bulb.
19	For use only with heat-resisting connector and with bulb supported by bulb rim or metal shell of base.
20	For use where seal temperature does not exceed 650F.
21	Due to change from high pressure capsule to low pressure capsule, dimensions have been changed: LCL from 19.5 to 22mm and bulb diameter from 9 to 9.5mm.
22	Starlite Low Pressure - UV STOP
23	Available in bulk pack.
24	A protective shield should be used external to the lamp.
25	Standard Clear - UV STOP
26	Standard Frosted - UV STOP

**SYMBOLS & FOOTNOTES FOR TUNGSTEN HALOGEN LAMPS**

<b>Footnote</b>	<b>Description</b>
27	Standard Clear - 24V - UV STOP - Not suitable for use in open fixtures.
28	UV Control capsule with axial filament in constant color, hard coated dichroic reflector.
29	UV Control capsule with axial filament in aluminized reflector.
30	Max. seal temperature 350 C
31	Max. bulb temperature 1000 C
32	Min. bulb temperature 250 C
33	UV Control capsule with axial filament in covered aluminized reflector.
34	UV Control capsule with axial filament in dichroic reflector.
35	UV Control capsule with axial filament in covered constant color, hard coated dichroic reflector and infrared reflective coating on the lamp capsule.
36	UV Control capsule with axial filament in covered constant color, hard coated dichroic reflector.
37	UV Control capsule with axial filament in precisely engineered aluminum reflector.