

# Halogen Lamps

MR11, MR16, Halogen, and Par Halogen



LIGHTING PRODUCTS

## Applications



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- Security
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# Howard's best-in-class halogen lamps.

Howard Lighting Products offers an extensive line of halogen lamps perfect for any application. These highly-efficient lamps promote precision light control and have a high quality reflector coating that minimizes color shift and prevents fading, peeling, and chipping. Made from heavy-duty glass, our lamps are more durable and have a longer life which reduces maintenance costs significantly. Let us help you look your best with halogen lights that provide smoother, more even illumination where you need it most.



MR11



MR16



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PAR Halogen



Halogen

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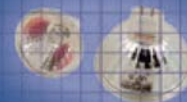
**2. Order by phone**  
You can also contact us at 800.956.3456 to discuss your needs or place an order.

**3. Order by fax**  
Or if you prefer, you can reach us by fax at 601.422.1652.

# Product Offerings

Watts	UPC #	Howard Catalog #	Base	Volts	Beam Spread	MOL (in)	Dia. (in)	Filament	CBCP	Beam Angle Degree	Avg. Life (hours)	Pkg. Qty.
<b>MR11 Standard Dichroic Open Reflector</b>												
20	799385-01577	20MR11/NSP(FTB)	GU4	12	NSP	1.38	1.38	C-8	4800	10	2000	20
20	799385-01578	20MR11/NFL(FTC)	GU4	12	NFL	1.38	1.38	C-8	1550	20	2000	20
20	799385-01579	20MR11/FL(FTD)	GU4	12	FL	1.38	1.38	C-8	600	30	2000	20
35	799385-01580	35MR11/NSP(FTE)	GU4	12	NSP	1.38	1.38	C-8	7500	10	2000	20
35	799385-01581	35MR11/NFL(FTF)	GU4	12	NFL	1.38	1.38	C-8	3000	20	2000	20
35	799385-01582	35MR11/FL(FTH)	GU4	12	FL	1.38	1.38	C-8	1200	30	2000	20
<b>MR11 Covered Dichroic Reflector (Lensed)</b>												
20	799385-01583	20MR11/NSP/C(FTB-C)	GU4	12	NSP	1.38	1.38	C-8	4800	10	2000	20
20	799385-01584	20MR11/NFL/C(FTC-C)	GU4	12	NFL	1.38	1.38	C-8	1550	20	2000	20
20	799385-01585	20MR11/FL/C(FTD-C)	GU4	12	FL	1.38	1.38	C-8	600	30	2000	20
35	799385-01586	35MR11/NSP/C(FTE-C)	GU4	12	NSP	1.38	1.38	C-8	7500	10	2000	20
35	799385-01587	35MR11/NFL/C(FTF-C)	GU4	12	NFL	1.38	1.38	C-8	3000	20	2000	20
35	799385-01588	35MR11/FL/C(FTH-C)	GU4	12	FL	1.38	1.38	C-8	1200	30	2000	20
<b>MR16 Standard Dichroic Open Reflector</b>												
20	799385-01589	20MR16/NSP(ESX)	GU5.3	12	NSP	1.77	2	C-8	3300	12	2000	20
20	799385-01590	20MR16/FL(BAB)	GU5.3	12	FL	1.77	2	C-8	460	36	2000	20
35	799385-01591	35MR16/NSP(FMT)	GU5.3	12	NSP	1.77	2	C-8	6300	12	2000	20
35	799385-01592	35MR16/NFL(FMV)	GU5.3	12	NFL	1.77	2	C-8	3600	24	2000	20
35	799385-01593	35MR16/FL(FMW)	GU5.3	12	FL	1.77	2	C-8	730	36	2000	20
50	799385-01594	50MR16/NSP(EXT)	GU5.3	12	NSP	1.77	2	C-8	9150	12	2000	20
50	799385-01595	50MR16/NFL(EXZ)	GU5.3	12	NFL	1.77	2	C-8	3000	24	2000	20
50	799385-01596	50MR16/FL(EXN)	GU5.3	12	FL	1.77	2	C-8	1500	36	2000	20
50	799385-01597	50MR16/WFL(FNV)	GU5.3	12	WFL	1.77	2	C-8	750	60	2000	20
75	799385-01598	75MR16/NSP(EYF)	GU5.3	12	NSP	1.77	2	C-8	11500	12	2000	20
75	799385-01599	75MR16/NFL(EYJ)	GU5.3	12	NFL	1.77	2	C-8	4600	24	2000	20
75	799385-01600	75MR16/FL(EYC)	GU5.3	12	FL	1.77	2	C-8	2000	36	2000	20
<b>MR16 Covered Dichroic Reflector (Lensed)</b>												
20	799385-01231	20MR16/NSP/C(ESX-C)	GU5.3	12	NSP	1.77	2	C-8	3300	12	2000	20
20	799385-01252	20MR16/FL/C(BAB-C)	GU5.3	12	FL	1.77	2	C-8	460	36	2000	20
35	799385-01253	35MR16/NSP/C(FMT-C)	GU5.3	12	NSP	1.77	2	C-8	6300	12	2000	20
35	799385-01601	35MR16/NFL/C(FMV-C)	GU5.3	12	NFL	1.77	2	C-8	3600	24	2000	20
35	799385-01602	35MR16/FL/C(FMW-C)	GU5.3	12	FL	1.77	2	C-8	730	36	2000	20
50	799385-01603	50MR16/NSP/C(EXT-C)	GU5.3	12	NSP	1.77	2	C-8	9150	12	2000	20
50	799385-01604	50MR16/NFL/C(EXZ-C)	GU5.3	12	NFL	1.77	2	C-8	3000	24	2000	20
50	799385-01605	50MR16/FL/C(EXN-C)	GU5.3	12	FL	1.77	2	C-8	1500	36	2000	20
50	799385-01606	50MR16/WFL/C(FNV-C)	GU5.3	12	WFL	1.77	2	C-8	750	60	2000	20
75	799385-01607	75MR16/NSP/C(EYF-C)	GU5.3	12	NSP	1.77	2	C-8	11500	12	2000	20
75	799385-01608	75MR16/NFL/C(EYJ-C)	GU5.3	12	NFL	1.77	2	C-8	4600	24	2000	20
75	799385-01609	75MR16/FL/C(EYC-C)	GU5.3	12	FL	1.77	2	C-8	2000	36	2000	20

• Specifications and case quantities are subject to change without notice.





# Product Offerings

Watts	UPC #	Howard Catalog #	Base	Volts	Beam Spread	MOL (in)	Dia. (in)	Filament	Approx. Lumens Initial (lm)	Beam Angle Degree	Avg. Life (hours)	Pkg. Qty.
<b>Par 16 Halogen Medium Screw Base</b>												
60	799385-01644	60PAR16/H/NSP-130 @ 120 volts, approximate 53 watts, 515 lumens, 5000 hours	Med. (E26)	130	NSP	2.88	2	CC-8	660	12	2500	40
60	799385-01645	60PAR16/H/FL-130 @ 120 volts, approximate 53 watts, 515 lumens, 5000 hours	Med. (E26)	130	FL	2.88	2	CC-8	660	36	2500	40
75	799385-01646	75PAR16/H/NSP-130 @ 120 volts, approximate 66 watts, 663 lumens, 5000 hours	Med. (E26)	130	NSP	2.88	2	CC-8	850	12	2500	40
75	799385-01647	75PAR16/H/FL-130 @ 120 volts, approximate 66 watts, 663 lumens, 5000 hours	Med. (E26)	130	FL	2.88	2	CC-8	850	36	2500	40
<b>Par 20 Halogen Medium Screw Base</b>												
35	799385-01296	35PAR20/H/SP-130 @ 120 volts, approximate 31 watts, 281 lumens, 5000 hours	Med. (E26)	130	SP	3.31	2.5	CC-8	360	12	2500	30
35	799385-01298	35PAR20/H/NFL-130 @ 120 volts, approximate 31 watts, 281 lumens, 5000 hours	Med. (E26)	130	NFL	3.31	2.5	CC-8	360	24	2500	30
35	799385-01300	35PAR20/H/FL-130 @ 120 volts, approximate 31 watts, 281 lumens, 5000 hours	Med. (E26)	130	FL	3.31	2.5	CC-8	360	36	2500	30
50	799385-01302	50PAR20/H/SP-130 @ 120 volts, approximate 44 watts, 406 lumens, 5000 hours	Med. (E26)	130	SP	3.31	2.5	CC-8	520	12	2500	30
50	799385-01304	50PAR20/H/NFL-130 @ 120 volts, approximate 44 watts, 406 lumens, 5000 hours	Med. (E26)	130	NFL	3.31	2.5	CC-8	520	24	2500	30
50	799385-01306	50PAR20/H/FL-130 @ 120 volts, approximate 44 watts, 406 lumens, 5000 hours	Med. (E26)	130	FL	3.31	2.5	CC-8	520	36	2500	30
<b>Par 30 Halogen Medium Screw Base</b>												
50	799385-01308	50PAR30/H/SP-130 @ 120 volts, approximate 44 watts, 468 lumens, 5000 hours	Med. (E26)	130	SP	3.6	3.7	CC-8	600	12	2500	30
50	799385-01310	50PAR30/H/NFL-130 @ 120 volts, approximate 44 watts, 468 lumens, 5000 hours	Med. (E26)	130	NFL	3.6	3.7	CC-8	600	24	2500	30
50	799385-01312	50PAR30/H/FL-130 @ 120 volts, approximate 44 watts, 468 lumens, 5000 hours	Med. (E26)	130	FL	3.6	3.7	CC-8	600	36	2500	30
60	799385-01648	60PAR30/H/SP-130 @ 120 volts, approximate 53 watts, 671 lumens, 5000 hours	Med. (E26)	130	SP	3.6	3.7	CC-8	860	12	2500	30
60	799385-01649	60PAR30/H/NFL-130 @ 120 volts, approximate 53 watts, 671 lumens, 5000 hours	Med. (E26)	130	NFL	3.6	3.7	CC-8	860	24	2500	30
60	799385-01650	60PAR30/H/FL-130 @ 120 volts, approximate 53 watts, 671 lumens, 5000 hours	Med. (E26)	130	FL	3.6	3.7	CC-8	860	36	2500	30
75	799385-01314	75PAR30/H/SP-130 @ 120 volts, approximate 66 watts, 764 lumens, 5000 hours	Med. (E26)	130	SP	3.6	3.7	CC-8	980	12	2500	30
75	799385-01316	75PAR30/H/NFL-130 @ 120 volts, approximate 66 watts, 764 lumens, 5000 hours	Med. (E26)	130	NFL	3.6	3.7	CC-8	980	24	2500	30
75	799385-01318	75PAR30/H/FL-130 @ 120 volts, approximate 66 watts, 764 lumens, 5000 hours	Med. (E26)	130	FL	3.6	3.7	CC-8	980	36	2500	30

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# Product Offerings

Watts	UPC #	Howard Catalog #	Base	Volts	Beam Spread	MOL (in)	Dia. (in)	Filament	Approx. Lumens Initial (lm)	Beam Angle Degree	Avg. Life (hours)	Pkg. Qty.
<b>Par 30 Long Neck Halogen Medium Screw Base</b>												
50	799385-01320	50PAR30/LN/H/SP-130 @ 120 volts, approximate 44 watts, 429 lumens, 5000 hours	Med. (E26)	130	SP	4.5	3.74	CC-8	550	12	2500	15
50	799385-01322	50PAR30/LN/H/NFL-130 @ 120 volts, approximate 44 watts, 429 lumens, 5000 hours	Med. (E26)	130	NFL	4.5	3.74	CC-8	550	24	2500	15
50	799385-01324	50PAR30/LN/H/FL-130 @ 120 volts, approximate 44 watts, 429 lumens, 5000 hours	Med. (E26)	130	FL	4.5	3.74	CC-8	550	36	2500	15
75	799385-01326	75PAR30/LN/H/SP-130 @ 120 volts, approximate 66 watts, 764 lumens, 5000 hours	Med. (E26)	130	SP	4.5	3.74	CC-8	980	12	2500	15
75	799385-01328	75PAR30/LN/H/NFL-130 @ 120 volts, approximate 66 watts, 764 lumens, 5000 hours	Med. (E26)	130	NFL	4.5	3.74	CC-8	980	24	2500	15
75	799385-01330	75PAR30/LN/H/FL-130 @ 120 volts, approximate 66 watts, 764 lumens, 5000 hours	Med. (E26)	130	FL	4.5	3.74	CC-8	980	36	2500	15
<b>Par 38 Halogen Medium Screw Base</b>												
45	799385-01332	45PAR38/H/SP-130 @ 120 volts, approximate 40 watts, 406 lumens, 5000 hours	Med. Skt. (E26)	130	SP	5.31	4.76	CC-8	520	12	2500	15
45	799385-01334	45PAR38/H/FL-130 @ 120 volts, approximate 40 watts, 406 lumens, 5000 hours	Med. Skt. (E26)	130	FL	5.31	4.76	CC-8	520	36	2500	15
45	799385-01336	45PAR38/H/WFL-130 @ 120 volts, approximate 40 watts, 406 lumens, 5000 hours	Med. Skt. (E26)	130	WFL	5.31	4.76	CC-8	520	50	2500	15
60	799385-01338	60PAR38/H/SP-130 @ 120 volts, approximate 53 watts, 507 lumens, 5000 hours	Med. Skt. (E26)	130	SP	5.31	4.76	CC-8	650	12	2500	15
60	799385-01340	60PAR38/H/FL-130 @ 120 volts, approximate 53 watts, 507 lumens, 5000 hours	Med. Skt. (E26)	130	FL	5.31	4.76	CC-8	650	36	2500	15
60	799385-01342	60PAR38/H/WFL-130 @ 120 volts, approximate 53 watts, 507 lumens, 5000 hours	Med. Skt. (E26)	130	WFL	5.31	4.76	CC-8	650	50	2500	15
75	799385-01344	75PAR38/H/SP-130 @ 120 volts, approximate 66 watts, 764 lumens, 5000 hours	Med. Skt. (E26)	130	SP	5.31	4.76	CC-8	980	12	2500	15
75	799385-01346	75PAR38/H/FL-130 @ 120 volts, approximate 66 watts, 764 lumens, 5000 hours	Med. Skt. (E26)	130	FL	5.31	4.76	CC-8	980	36	2500	15
75	799385-01348	75PAR38/H/WFL-130 @ 120 volts, approximate 66 watts, 764 lumens, 5000 hours	Med. Skt. (E26)	130	WFL	5.31	4.76	CC-8	980	50	2500	15
90	799385-01350	90PAR38/H/NSP-130 @ 120 volts, approximate 79 watts, 858 lumens, 5000 hours	Med. Skt. (E26)	130	NSP	5.31	4.76	CC-8	1100	8	2500	15
90	799385-01352	90PAR38/H/SP-130 @ 120 volts, approximate 79 watts, 858 lumens, 5000 hours	Med. Skt. (E26)	130	SP	5.31	4.76	CC-8	1100	12	2500	15
90	799385-01354	90PAR38/H/FL-130 @ 120 volts, approximate 79 watts, 858 lumens, 5000 hours	Med. Skt. (E26)	130	FL	5.31	4.76	CC-8	1100	36	2500	15
90	799385-01356	90PAR38/H/WFL-130 @ 120 volts, approximate 79 watts, 858 lumens, 5000 hours	Med. Skt. (E26)	130	WFL	5.31	4.76	CC-8	1100	50	2500	15
100	799385-01680	100PAR38/H/FL-130 @ 120 volts, approximate 88 watts, 936 lumens, 5000 hours	Med. Skt. (E26)	130	FL	5.32	4.76	CC-8	1200	36	2500	15

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# Product Offerings

Watts	UPC #	Howard Catalog #	Bulb	Base	Volts	Lumens	LCL (in)	MOL (in)	Filament	Description	Avg. Life (hours)	Pkg. Qty.
<b>Halogen JD Series (Single Ended T4)</b>												
75	799385-01802	75Q/CL	T4	E11 Min-Can	120	900	1.38	2.63	CC-8	Clear	2000	100
100	799385-01803	100Q/CL/DC	T4	DC Bayonet (BA15d)	120	1200	1.38	2.63	CC-8	Clear	2000	100
100	799385-01804	100Q/CL	T4	E11 Min-Can	120	1200	1.38	2.63	CC-8	Clear	2000	100
150	799385-01805	150Q/CL/DC	T4	DC Bayonet (BA15d)	120	2100	1.38	2.63	CC-8	Clear	2000	100
150	799385-01806	150Q/CL	T4	E11 Min-Can	120	2100	1.38	2.63	CC-8	Clear	2000	100
250	799385-01807	250Q/CL/DC	T4	DC Bayonet (BA15d)	120	4500	1.38	2.63	CC-8	Clear	2000	100
250	799385-01808	250Q/CL	T4	E11 Min-Can	120	4500	1.38	2.63	CC-8	Clear	2000	100
<b>Halogen J Series (Double Ended T3)</b>												
100	799385-01810	100T3Q/CL/S	T3	RSC	130	1400	-	3.13	CC-8	Clear	2000	100
150	799385-01811	150T3Q/CL/S	T3	RSC	130	2400	-	3.13	CC-8	Clear	2000	100
150	799385-01812	150T3Q/CL	T3	RSC	130	2400	-	4.69	C-8	Clear	2000	100
300	799385-01813	300T3Q/CL	T3	RSC	130	5950	-	4.69	C-8	Clear	2000	100
500	799385-01814	500T3Q/CL	T3	RSC	130	10500	-	4.69	C-8	Clear	2000	100
1000	799385-01815	1000T3Q/CL	T3	RSC	240	21000	-	10.13	C-8	Clear	2000	50
1500	799385-01816	1500T3Q/CL	T3	RSC	240	33000	-	10.13	C-8	Clear	2000	50
1500	799385-01817	1500T3Q/CL/277	T3	RSC	277	33000	-	10.13	C-8	Clear	2000	50
<b>Halogen JC Series (Only for Use in Approved Enclosed Halogen Fixtures)</b>												
5	799385-01818	5T3Q/CL	T3	G4	12	60	.88	1.25	C-6	Clear	2000	100
10	799385-01819	10T3Q/CL	T3	G4	12	120	.88	1.25	C-6	Clear	2000	100
20	799385-01820	20T3Q/CL	T3	G4	12	350	.88	1.25	C-6	Clear	2000	100
50	799385-01821	50T4Q/CL	T4	G6.35	12	900	1.13	1.75	C-6	Clear	2000	100
75	799385-01822	75T4Q/CL	T4	G6.35	12	1350	1.13	1.75	C-6	Clear	2000	100
<b>Halogen JCD Series (Only for Use in Approved Enclosed Halogen Fixtures)</b>												
50	799385-01823	50T4Q/CL/G8	T4	G8	120	950	1.13	1.75	CC-2	Clear	2000	100
75	799385-01824	75T4Q/CL/G8	T4	G8	120	1300	1.13	1.75	CC-2	Clear	2000	100
100	799385-01825	100T4Q/CL/G8	T4	G8	120	1900	1.13	1.75	CC-2	Clear	2000	100

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# Cross Reference

Watts	Howard	GE	Halco	Philips	SLI	Sylvania	USHIO
<b>MR11 Standard Dichroic Open Reflector</b>							
20	20MR11/NSP(FTB)	N/A	N/A	N/A	20MR11/SP FTB	20MR11/SP10(FTB)	FTB, JDR/M12V-20W/G/NSP
20	20MR11/NFL(FTC)	Q20MR11/SP15	N/A	N/A	20MR11/NFL FTC	N/A	FTC, JDR/M12V-20W/G/SP
20	20MR11/FL(FTD)	Q20MR11/NFL30	N/A	N/A	20MR11/FL FTD	20MR11/FL35(FTD)	FTD, JDR/M12V-20W/G/NFL
35	35MR11/NSP(FTE)	N/A	N/A	N/A	35MR11/SP FTE	35MR11/SP(FTE)	FTE, JDR/M12V-35W/G/NSP
35	35MR11/NFL(FTF)	Q35MR11SP20	N/A	N/A	35MR11/NFL FTF	N/A	FTF, JDR/M12V-35W/G/SP
35	35MR11/FL(FTH)	Q35MR11NFL30	N/A	N/A	35MR11/FL FTH	35MR11/FL35(FTH)	FTH, JDR/M12V-35W/G/NFL
<b>MR11 Covered Dichroic Reflector (Lensed)</b>							
20	20MR11/NSP/C(FTB-C)	N/A	MR11FTB/L	20MRC11/SP10 PRO FTB	Q20MR11/SP/C	N/A	FTB/FG, JDR/M12V-20W/G/NSP/FG
20	20MR11/NFL/C(FTC-C)	N/A	MR11FTC/L	N/A	N/A	N/A	FTC/FG, JDR/M12V-20W/G/SP/FG
20	20MR11/FL/C(FTD-C)	N/A	MR11FTD/L	20MRC11/FL30 PRO FTD	Q20MR11/FL/C	20MR11/FL35/C(FTD)	FTD/FG, JDR/M12V-20W/G/NFL/FG
35	35MR11/NSP/C(FTE-C)	Q35MR11/CG12	MR11FTE/L	N/A	Q35MR11/SP/C	N/A	FTE/FG, JDR/M12V-35W/G/NSP/FG
35	35MR11/NFL/C(FTF-C)	N/A	MR11FTF/L	N/A	N/A	N/A	FTF/FG, JDR/M12V-35W/G/SP/FG
35	35MR11/FL/C(FTH-C)	Q35MR11/CG30	MR11FTH/L	N/A	Q35MR11/FL/C	N/A	FTH/FG, JDR/M12V-35W/G/NFL/FG
<b>MR16 Standard Dichroic Open Reflector</b>							
20	20MR16/NSP(ESX)	Q20MR16/SP	MR16ESX	20MR16/SP10 ESX	Q20MR16/NSP ESX	20MR16/NSP8(ESX)	ESX, JR12V-20W/SP12
20	20MR16/FL(BAB)	Q20MR16/FL	MR16BAB	20MR16/FL36 BAB	Q20MR16/FL BAB	20MR16/FL40(BAB)	BAB, JR12V-20W/FL36
35	35MR16/NSP(FMT)	N/A	N/A	35MR16/SP10	N/A	35MR16/NSP8(FRB)	FMT, JR12V-35W/SP12
35	35MR16/NFL(FMV)	Q35MR16/C/SP20	N/A	35MRC16/NFL24	N/A	35MR16/SP20(FRA)	FMV, JR12V-35W/NFL24
35	35MR16/FL(FMW)	Q35MR16/C/FL40	MR16FMW	35MR16/FL36	N/A	35MR16/FL40(FMW)	FMW, JR12V-35W/FL36
50	50MR16/NSP(EXT)	Q50MR16/SP	MR16EXT	50MR16/SP10 EXT	Q50MR16/NSP EXT	50MR16/NSP12(EXT)	EXT, JR12V-50W/SP12
50	50MR16/NFL(EXZ)	Q50MR16/C/NFL25	MR16EXZ	50MR16/NFL24 EXZ	Q50MR16/NFL EXZ	50MR16/NFL25(EXZ)	EXZ, JR12V-50W/NFL24
50	50MR16/FL(EXN)	Q50MR16/FL	MR16EXN	50MR16/FL36 EXN	Q50MR16/WFL EXN	50MR16/FL40(EXN)	EXN, JR12V-50W/FL36
50	50MR16/WFL(FNV)	Q50MR16/C/WFL55	MR16FNV/U	N/A	N/A	50MR16/VWFL60(FNV)	FNV, JR12V-50W/WFL60
75	75MR16/NSP(EYF)	Q71MR16/C/NSP15	MR16EYF/SC	75MR16/SP10 EYF	N/A	65MR16/NSP10(FPA)	EYF, JR12V-75W/SP12
75	75MR16/NFL(EYJ)	Q71MR16/C/NFL25	MR16EYJ/SC	N/A	N/A	65MR16/NFL25(FPC)	EYJ/EZZ, JR12V-75W/NFL24
75	75MR16/FL(EYC)	Q71MR16/C/FL40	MR16EYC/SC	75MR16/FL36 EYC	Q75MR16/WFL EYC	65MR16/FL40(FPB)	EYC, JR12V-75W/FL36
<b>MR16 Standard Dichroic Open Reflector</b>							
20	20MR16/NSP/C(ESX-C)	Q20MR16C/CG15	MR16ESX/L	N/A	20MR16/SP/10/C	20MR16/B/NSP8/C	ESX/FG, JR12V-20W/SP12/FG
20	20MR16/FL/C(BAB-C)	Q20MR16C/CG40	MR16BAB/L	N/A	20MR16/FL/38/C	20MR16/B/FL35/C	BAB/FG, JR12V-20W/FL36/FG
35	35MR16/NSP/C(FMT-C)	Q35MR16C/CG12	N/A	N/A	35MR16/SP/10/C	35MR16/B/NSP8/C	FMT/FG, JR12V-35W/SP12/FG
35	35MR16/NFL/C(FMV-C)	Q35MR16C/CG20	N/A	N/A	N/A	N/A	FMV/FG, JR12V-35W/NFL24/FG
35	35MR16/FL/C(FMW-C)	Q35MR16C/CG40	MR16FMW/L	N/A	35MR16/FL/38/C	N/A	FMW/FG, JR12V-35W/FL36/FG
50	50MR16/NSP/C(EXT-C)	Q50MR16C/CG15	MR16EXT/L	N/A	50MR16/SP/10/C	50MR16/B/NSP11/C	EXT/FG, JR12V-50W/SP12/FG
50	50MR16/NFL/C(EXZ-C)	Q50MR16C/CG25	MR16EXZ/L	N/A	50MR16/NFL/24/C	N/A	EXZ/FG, JR12V-50W/NFL24/FG
50	50MR16/FL/C(EXN-C)	Q50MR16C/CG40	MR16EXN/L	N/A	50MR16/FL/38/C	50MR16/B/FL35/C	EXN/FG, JR12V-50W/FL36/FG
50	50MR16/WFL/C(FNV-C)	Q50MR16C/CG55	MR16FNV/L/SC	N/A	50MR16/WFL/60/C	N/A	FNV/FG, JR12V-50W/WFL60/FG
75	75MR16/NSP/C(EYF-C)	Q71MR16C/CG15	N/A	N/A	N/A	N/A	EYF/FG, JR12V-75W/SP12/FG
75	75MR16/NFL/C(EYJ-C)	Q71MR16C/CG25	N/A	N/A	N/A	N/A	EYJ/EZZ/FG, JR12V-75W/NFL24/FG
75	75MR16/FL/C(EYC-C)	Q71MR16C/CG40	N/A	N/A	N/A	N/A	EYC/FG, JR12V-75W/FL36/FG





# Cross Reference

Watts	Howard	GE	Halco	Philips	SLI	Sylvania	USHIO
<b>Par 16 Halogen Medium Screw Base</b>							
60	60PAR16/H/NSP-130	N/A	HP16NSP60	60PAR16/HAL/SP10 - 130	N/A	60PAR16/CAP/NSP10 - 130	N/A
60	60PAR16/H/FL-130	N/A	HP16NNFL	60PAR16/HAL/FL27 - 130	N/A	60PAR16/CAP/NFL30 - 130	N/A
75	75PAR16/H/NSP-130	N/A	N/A	N/A	N/A	75PAR16/CAP/NSP10 - 130	N/A
75	75PAR16/H/FL-130	N/A	N/A	N/A	N/A	75PAR16/CAP/NFL30 - 130	N/A
<b>Par 20 Halogen Medium Screw Base</b>							
35	35PAR20/H/SP-130	N/A	N/A	N/A	N/A	35PAR20/CAP/SPL/NSP10	N/A
35	35PAR20/H/NFL-130	N/A	N/A	N/A	N/A	35PAR20/CAP/SPL/NFL30	N/A
35	35PAR20/H/FL-130	N/A	N/A	N/A	N/A	35PAR20/CAP/SPL/WFL40	N/A
50	50PAR20/H/SP-130	50PAR20/H/SP10	HP20SP50	N/A	H50PAR20/SP/130	50PAR20/HAL/SPL/NSP10	50PAR20/SP10/130V
50	50PAR20/H/NFL-130	50PAR20/H/FL25	HP20NFL50/M130	N/A	H50PAR20/FL/130	50PAR20/HAL/SPL/NFL30	50PAR20/NFL30/130V
50	50PAR20/H/FL-130	N/A	N/A	50PAR20/HAL/NFL30	N/A	N/A	50PAR20/FL40/130V
<b>Par 30 Halogen Medium Screw Base</b>							
50	50PAR30/H/SP-130	50PAR30/H/SP10	HP30SP50	50PAR30S/HAL/NSP10	H50PAR30/SP/130	50PAR30/CAP/SPL/NSP9	50PAR30/SP10/130V
50	50PAR30/H/NFL-130	50PAR30/H/FL25	N/A	50PAR30S/HAL/NFL30	H50PAR30/FL/130	50PAR30/CAP/SPL/NFL25	50PAR30/NFL30/130V
50	50PAR30/H/FL-130	50PAR30/H/FL35	HP30FL50/M130	50PAR30S/HAL/FL40	H50PAR30/WFL/130	50PAR30/CAP/SPL/FL40	50PAR30FL40/130V
75	75PAR30/H/SP-130	75PAR30/H/SP10	HP30NSP75	N/A	H75PAR30/SP/130	75PAR30/CAP/SPL/NSP9	75PAR30/SP10/130V
75	75PAR30/H/NFL-130	N/A	N/A	75PAR30S/HAL/NFL30	H75PAR30/FL/130	75PAR30/CAP/SPL/NFL25	75PAR30/NFL30/130V
75	75PAR30/H/FL-130	75PAR30/H/FL35	HP30FL75/M130	75PAR30S/HAL/FL40	H75PAR30/WFL/130	75PAR30/CAP/SPL/FL40	75PAR30/FL40/130V
<b>Par 30 Long Neck Halogen Medium Screw Base</b>							
50	50PAR30/LN/H/SP-130	50PAR30L/H/SP10	HP30SP50L	N/A	N/A	50PAR30LN/CAP/SPL/NSP9	50PAR30LN/SP10/130V
50	50PAR30/LN/H/NFL-130	N/A	N/A	50PAR30L/HAL/NFL30	N/A	50PAR30LN/CAP/SPL/NFL25	50PAR30LN/NFL30/130V
50	50PAR30/LN/H/FL-130	50PAR30L/H/FL40	HP30FL50L	50PAR30L/HAL/FL40	H50PAR30/LN/WFL/130(2)	50PAR30LN/CAP/SPL/WFL50	50PAR30LN/FL40/130V
75	75PAR30/LN/H/SP-130	75PAR30L/H/SP10	HP30SP75L	N/A	N/A	75PAR30LN/CAP/SPL/NSP9	75PAR30LN/SP10/130V
75	75PAR30/LN/H/NFL-130	75PAR30L/H/FL25	N/A	75PAR30L/HAL/NFL30	N/A	75PAR30LN/CAP/SPL/NFL25	75PAR30LN/NFL30/130V
75	75PAR30/LN/H/FL-130	N/A	HP30FL75L	75PAR30L/HAL/FL40	H75PAR30/LN/WFL/130(2)	75PAR30LN/CAP/SPL/WFL50	75PAR30LN/FL40/130V
<b>Par 38 Long Halogen Medium Screw Base</b>							
45	45PAR38/H/SP-130	45PAR/H/SP10	HP38SP45	45PAR38/HAL/SP12	H45PAR38/SP/130	45PAR38/CAP/SPL/SP9	45PAR38/SP10/130V
45	45PAR38/H/FL-130	45PAR/H/FL25	HP38FL45	45PAR38/HAL/FL28	H45PAR38/FL/130	45PAR38/CAP/SPL/FL30	45PAR38/FL30/130V
45	45PAR38/H/WFL-130	N/A	N/A	N/A	N/A	45PAR38/CAP/SPL/WFL50	45PAR38/WFL50/130V
60	60PAR38/H/SP-130	60PAR/H/SP10	N/A	60PAR38/HAL/SP12/WLL	H60PAR38/SP/130	N/A	60PAR38/SP10/130V
60	60PAR38/H/FL-130	60PAR/H/FL25	HP38FL60	60PAR38/HAL/FL28/WLL	H60PAR38/FL/130	60PAR38/CAP/SPL/FL30	60PAR38/FL30/130V
60	60PAR38/H/WFL-130	N/A	N/A	60PAR38/HAL/WFL	N/A	N/A	N/A
75	75PAR38/H/SP-130	N/A	N/A	75PAR38/HAL/SP10/WLL	H75PAR38/SP/130	N/A	75PAR38/SP10/130V
75	75PAR38/H/FL-130	75PAR/H/FL25	HP38FL75	75PAR38/HAL/FL28/WLL	H75PAR38/FL/130	75PAR38/CAP/SPL/FL30	75PAR38/FL30/130V
75	75PAR38/H/WFL-130	N/A	N/A	N/A	N/A	75PAR38/CAP/SPL/WFL50	N/A
90	90PAR38/H/NSP-130	N/A	N/A	N/A	N/A	90PAR38/CAP/SPL/SP9	N/A
90	90PAR38/H/SP-130	90PAR/H/SP10	HP38SP90	90PAR38/HAL/SP12/LL	H90PAR38/SP/130	90PAR38/CAP/SPL/WSP12	90PAR38/SP10/130V
90	90PAR38/H/FL-130	90PAR/H/FL25	HP38FL90	90PAR38/HAL/FL28/LL	H90PAR38/FL/130	90PAR38/CAP/SPL/FL30	90PAR38/FL30/130V
90	90PAR38/H/WFL-130	N/A	N/A	90PAR38/HAL/WFL/LL	N/A	90PAR38/CAP/SPL/WFL50	90PAR38/WFL50/130V
100	100PAR38/H/FL-130	100PAR/H/FL25	N/A	N/A	N/A	N/A	N/A



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# Cross Reference

Watts	Howard	GE	Halco	Philips	SLI	Sylvania	USHIO
<b>Par 36 Screw Terminal Base</b>							
36	36PAR36/H/VNSP	35PAR36/H/SP5	HP36VNSP35/HX	N/A	N/A	36PAR36/CAP/VNSP5	N/A
36	36PAR36/H/NSP	35PAR36/H/SP8	HP36NSP35/HX	N/A	N/A	36PAR36/CAP/NSP13	N/A
36	36PAR36/H/WFL	35PAR36/H/FL30	HP36WFL35/HX	N/A	N/A	36PAR36/CAP/WFL32	N/A
50	50PAR36/H/VNSP	50PAR36/H/SP5	HP36VNSP50/HX	50PAR36Q/VNSP6	N/A	50PAR36/CAP/NSP6	N/A
50	50PAR36/H/NSP	50PAR36/H/SP8	HP36NSP50/HX	N/A	N/A	N/A	N/A
50	50PAR36/H/WFL	50PAR36/H/FL30	HP36NWFL50/HX	N/A	N/A	N/A	N/A
<b>JD Series (Single Ended T4)</b>							
75	75Q/CL	Q75CL	JD75MC/120	BC75Q/CL	75Q/CL Mini-Can (130V)	75Q/CL/MC/RP	JD120V-75W/ELL
100	100Q/CL/DC	Q100CL/DC	JD100DC/120	100Q/CL/DC ESR	N/A	100Q/CL/DC(ESR)	JD120V-100W/BA15D
100	100Q/CL	Q100CL/MC	JD100MC/120	BC100Q/CL ESN	100Q/CL Mini-Can (130V)	100Q/CL/MC(ESN)	JD120-100W/E11
150	150Q/CL/DC	Q150CL/DC	JD150DC (130V)	150Q/CL/DC ETC	150Q/CL DC Bay (130V)	150Q/CL/DC/1(ESP)	JD120-150W/BA15D
150	150Q/CL	Q150CL/MC	JD150MC/120	150Q/CL	150Q/CL Mini-Can (130V)	150Q/CL/MC/RP(ETG)	JD120-150W/E11
250	250Q/CL/DC	Q250CL/DC	JD250DC/120	250Q/CL/DC ESS	250Q/CL DC Bay (130V)	250Q/CL/DC(ESS)	ESS, JCV120V-250WGB
250	250Q/CL	Q250CL/MC	JD250MC/120	250Q/CL EHT	250Q/CL Mini-Can (130V)	250Q/CL/MC(EHT)	EHT, JCV120V-250WGSN
<b>J Series (Double Ended T3)</b>							
100	100T3Q/CL/S	Q100T3/CL/CD 120V	Q100T3C/S	BC100T3Q/CL (120V)	100T3Q/CL (120V)	100T3Q/CL/RP (120V)	J130V-100W/79MM SHORT
150	150T3Q/CL/S	Q150T3/CL/CD 120V	Q150T3C/S	BC150T3Q/CL (120V)	150T3Q/S/CL (1/CD)	150T3Q/S/CL (120V)	J130V-150W/79MM SHORT
150	150T3Q/CL	Q150T3/117/CL/CD 120V	Q150T3C	BC150T3Q/CL LONG (120V)	N/A	150T3Q/CL/RP (120V)	J130V-150W/119MM LONG
300	300T3Q/CL	Q300T3/CL-6PK 120V	Q300T3C	BC300T3Q/CL (120V)	300T3Q/CL	300T3Q/CL	J130V-300W/119MM LONG
500	500T3Q/CL	Q500T3/CL	Q500T3C	500T3Q/CL 125-130V	500T3Q/CL	500T3Q/CL	DVS, J130V-500WB
1000	1000T3Q/CL	Q1000T3/CL-6PK	Q1000T3C	1000T3Q/CL	N/A	1000T3Q/CL	J240V-1000WB1
1500	1500T3Q/CL	Q1500T3/CL 240V	Q1500T3C	1500T3Q/CL (240V)	1500T3Q/CL-240	1500T3Q/CL	DYD, J240V-1500WB
1500	1500T3Q/CL/277	Q1500T3/CL 277V	Q1500T3C/277	1500T3Q/CL (277V)	1500T3Q/CL-277	1500T3Q/CL277V	J177V-1500WB
<b>JC Series (Only for Use in Approved Enclosed Halogen Fixtures)</b>							
5	5T3Q/CL	Q5T3/CL	JC5	N/A	5T3Q/CL	5T3Q/CL	JC12V-5W/G4
10	10T3Q/CL	Q10T3/CL	JC10	10W/T3/12V	10T3Q/CL	10T3Q/CL	JC12V-10W/G4
20	20T3Q/CL	Q20T3/CL	JC20	20W/T3/12V	20T3Q/CL	20T3Q/CL	JC12V-20W/G4
50	50T4Q/CL	Q50T4/CL/CD	JCD50	50W/T4/12V	50T4Q/CL	50T4Q/CL	JC12V-50WG1.0
75	75T4Q/CL	Q75T4/CL/CD	JCD75	N/A	N/A	75T4Q/CL/RP	JC12V-75W
<b>JCD Series (Only for Use in Approved Enclosed Halogen Fixtures)</b>							
50	50T4Q/CL/G8	Q50G8/CD	JCD50/G8	N/A	N/A	N/A	JCD120V-50W
75	75T4Q/CL/G8	N/A	N/A	N/A	N/A	N/A	JCD120V-75W
100	100T4Q/CL/G8	N/A	JCD100/G8	N/A	N/A	N/A	N/A
90	90PAR38/H/WFL-130	N/A	N/A	90PAR38/HAL/WFL/LL	N/A	90PAR38/CAP/SPL/WFL50	90PAR38/WFL50/130V
100	100PAR38/H/FL-130	100PAR/H/FL25	N/A	N/A	N/A	N/A	N/A



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