



Jewellery Boutiques

Restaurants

Supermarkets



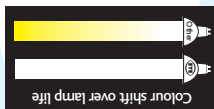
Retail Stores

**Can you STILL afford a poor quality halogen lamp?**  
 EYE halogen lamps are made with the highest quality components and are fully warranted against poor workmanship and/or defects. EYE halogen lamps provide controlled operating temperatures, long life, constant crisp white light and precise beam control.

Since the halogen light bulb operates at extremely high heat, it is critical that the operating temperature in the fixture be well controlled and that the light bulb bases are made of high quality unplated steel. If this is not the case, the chance of fire within the fixture is greatly increased as the metal of the light bulb base becomes welded to the contact in the socket. As well, poor light bulb designs can lead to explosion damaging the fixture.

**Fixture and Socket Protection**

The mirror coating of the reflector should be made of high quality material. If it is not, the white colour will shift over time to tints of green, yellow, blue and red and the lumen output will be adversely affected.



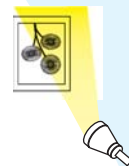
**Colour Shifting**

The shorter the life of a lamp, the higher the maintenance and replacement costs. All stages of construction of a halogen lamp affect the life of a lamp, such as the gas quality and fill pressure, the filament wire, the purity of the glass, the base, the automation of the production process and the quality control procedures.



**Life Hours**

Halogen spot and flood lights bulbs are designed to project precise and accurate beam spreads. Poor production controls will cause the halogen capsule to be wrongly positioned into the reflector, subsequently causing the beam to be distorted.



**Beam Control**

The main feature of a halogen light bulb is its crisp white light and brightness (high lumen output). The use of poor components and lack of proper controls in the production process results in yellow colour.



**Colour and Light Output**

When visually inspecting a halogen light bulb, it is difficult to distinguish any difference in quality. Poor quality becomes apparent only during the operation. A low quality halogen light bulb can damage your fixture and provide sub-standard performance. The following are factors to be considered when choosing a halogen light bulb.

**How important is quality?**

**Can you afford a poor quality halogen lamp?**

**APPLICATIONS INCLUDE**

- Homes
- Retail stores
- Museums
- Supermarkets
- Offices
- Restaurants
- Lounges and bars
- Displays and showrooms
- Jewellery boutiques
- Florists

**EYE halogen lamps are made with the highest quality standards.**



**Tips and Tricks**

**Dimming**

Halogen light bulbs are designed to operate at very high temperatures to ensure optimal performance. Dimming at no less than 60% of full brightness is acceptable; however it is recommended to revert back to full brightness for 1 minute prior to switching the light bulbs off. Failing to do so will cause short life and reduce brightness over time.

**Caution & Safety Information**

- Halogen lamps have high internal gas pressure and can shatter.
- Do not operate above rated voltage.
- Operate lamps in approved fixtures for the designated lamp type only.
- Do not touch lamps while they are operating or immediately after they are turned off. Allow lamp to cool before attempting to remove it.
- Keep hot lamps away from flammable material and substances during operation and immediately after the power has been turned off.
- Turn power off before installing or removing the lamp.
- Use clean gloves when handling and/or installing halogen lamps. If lamps are touched or dirty, they should be cleaned with alcohol and dried with a clean soft cloth.
- Halogen lamps with "pin" bases should be carefully installed/removed from the socket. Forcing or twisting the lamp during installation or removal can cause damage to the socket.
- Corrosive, dusty or humid environments may cause the dichroic coated reflector to deteriorate which can cause a reduction in light output and/or decolorization of light.
- Lamps should not be subjected to shock or vibrations.

**Offices and Warehouses**

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 5905 Chemin de la Côte-de-Liesse  
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 Fax: (514) 342-6162  
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 Fax: (780) 489-5127  
 1-800-661-8531

**Alberta (Calgary)**  
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 5240 1A Street SE, 2nd floor  
 Calgary AB T2H 1J1  
 Tel.: (403) 258-3018  
 Fax: (403) 258-3015

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LEADERS IN LIGHTING



www.standardpro.com



**THE CHOICE IN HALOGEN**

**EYE halogen lamps are made with the highest quality standards.**

**SPECIALTY MR-16**

All EYE MR lamps are produced in a fully automated environment, ensuring maximum out of the box performance.

The filament inside the lamp is automatically adjusted, ensuring maximum lumen output and precise beam control.

Each MR lamp is tested (lit) 4 times prior to final packaging.

The first time anyone touches the finished lamp is upon opening the sealed box!

All JDR, JD, JT and JC lamps over 50 volts have built in safety fuses. If the lamp fails, it will turn off and not explode.

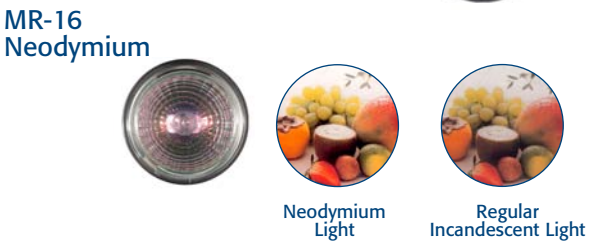
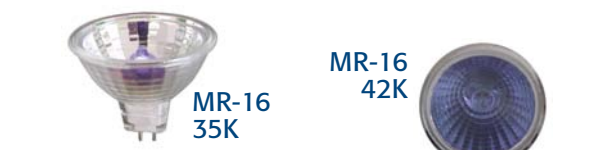
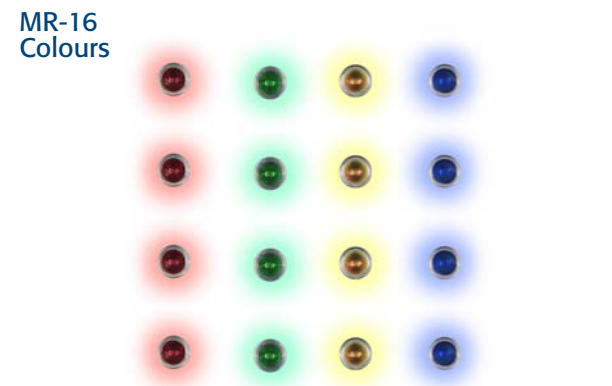
JDR Cool Beam reflector halogen lamps for general lighting with a medium or intermediate base are available from 55 to 100 watts, 120 volts in a wide range of beam spreads. These lamps emit a white light with a color temperature of 3000K or 3600K. Also available with or without covered glass.

JD Single Ended Halogen Lamps are available from 50 to 500 watts, from 28 to 250 volts with a mini-candelabra, D.C. Bayonet, medium or european base. Also available in clear or frosted versions.

JT Compact glass shielded halogen lamps have an outer jacket to protect lamp and reduce UV emissions. These lamps come with a medium base and are available from 50 to 250 watts, 120 volts, in a clear or frosted versions.

JC Miniature Bi-Pin Halogen Lamps are available from 10 to 75 watts, in 6 or 12 volts.

J Double Ended Halogen Lamps are available from 100 to 1500 watts, from 120 to 277 volts in a variety of lengths.



MR-8 halogen lamps for general lighting applications come with a covered glass and are available in 10, 20 and 35 watts, in 6 or 12 volts in a variety of beam spreads. While compact in size, they conserve energy and emit high lumen output.

MR-11 halogen lamps are available in 12, 20 and 35 watts, in 12 or 24 volts in a wide range of beam spreads. Available with or without covered glass, with a bi-pin or D.C. Bayonet base.

MR-16 Cool Beam halogen lamps are available from 20 to 75 watts, in 12 or 24 volts in a wide range of beam spreads. They are also available with or without covered glass, with a bi-pin or D.C. Bayonet base.

**SPECIALTY MR-16**  
UV-Stop, 10,000 hours, 35K, 42K, Supersoft, Aluminized reflector, Neodymium and Colors (Blue, Green, Yellow and Red).

Watts	Shape	Base	Internal Code	Description	ANSI Code	Volts	Beam (°)	Avg. Life (Hrs)	Axis Candela (CBCP)	M.O.L. (mm)	Qty/Case	
<b>MR-8 (with covered glass)</b>												
10	MR-8	GZ4	JM8051	10MR8CG/GZ4/9°/6V		6	9	2000	750	1 (25)	100	
20	MR-8	GU4	JM8252	20MR8CG/GU4/23°		12	21	2000	700	1 (25)	100	
35	MR-8	GU4	JM8331	35MR8CG/GU4/13°		12	12	2000	2000	1 (25)	100	
35	MR-8	GU4	JM8332	35MR8CG/GU4/26°		12	24	2000	1300	1 (25)	100	
<b>MR-8 (without covered glass)</b>												
12	MR-11	GZ4	JM1111	12MR11/8° FTA	FTA	12	8	2000	1500	1 1/4 (32)	50	
20	MR-11	GZ4	JM1213	20MR11/28° FTD	FTD	12	28	2000	700	1 1/4 (32)	50	
20	MR-11	BA15d	JM1242	20MR11/DC/19° FST	FST	12	19	2000	1450	1 7/16 (36.5)	50	
20	MR-11	GZ4	JM1211	20MR11/8° FTB	FTB	12	8	2000	4200	1 1/4 (32)	50	
35	MR-11	BA15d	JM1343	35MR11/DC/29° GDZ		12	29	3000	1350	1 7/16 (36.5)	50	
<b>MR-11 (with covered glass)</b>												
20	MR-11	GZ4	JM1263	20MR11CG/28° FTD	FTD/CG	12	28	2000	670	1 1/2 (38)	50	
20	MR-11	GZ4	JM1262	20MR11CG/19° FTC	FTC/CG	12	19	2000	1360	1 1/2 (38)	50	
35	MR-11	GZ4	JM7362	35MR11CG/22°/24V FTF		24	22	3000	1900	1 1/2 (38)	50	
<b>MR-16 Cool Beam (without covered glass)</b>												
20	MR-16	GX5.3	JR1203	20MR16/40° BAB	BAB	12	40	3000	525	1 3/4 (45)	12/120	
35	MR-16	GX5.3	JR1302	35MR16/23° FRA	FRA	12	23	4000	2500	1 3/4 (45)	12/120	
42	MR-16	GX5.3	JR1403	42MR16/40° EYP	EYP	12	40	4000	1200	1 3/4 (45)	12/120	
42	MR-16	GX5.3	JR1402	42MR16/25° EYS	EYS	12	25	4000	2850	1 3/4 (45)	12/120	
50	MR-16	GX5.3	JR1504	50MR16/40° EXN	EXN	12	40	5000	1750	1 3/4 (45)	12/120	
50	MR-16	GX5.3	JR1501	50MR16/13° EXT	EXT	12	13	5000	10500	1 3/4 (45)	12/120	
50	MR-16	GX5.3	JR1502	50MR16/26° EXZ	EXZ	12	26	5000	3400	1 3/4 (45)	12/120	
75	MR-16	GX5.3	JR2702	75MR16/26° EYJ	EYJ	12	26	4000	4600	1 3/4 (45)	12/120	
<b>MR-16 Cool Beam (with covered glass)</b>												
20	MR-16	GX5.3	JR1253	20MR16CG/38° BAB	BAB/CG	12	38	3000	500	1 3/4 (45)	12/120	
35	MR-16	GX5.3	JR1353	35MR16CG/38° FMW	FMW/CG	12	38	4000	1100	1 3/4 (45)	12/120	
50	MR-16	GX5.3	JR1554	50MR16CG/38° EXN	EXN/CG	12	38	5000	1600	1 3/4 (45)	12/120	
50	MR-16	GX5.3	JR1566	50MR16CG/56° FNV	FNV/CG	12	56	5000	700	1 3/4 (45)	12/120	
<b>MR-16 Cool Beam 24V (with covered glass)</b>												
50	MR-16	GX5.3	JR7553	50MR16CG/40°/24V EXN	EXN	24	40	4000	1500	1 3/4 (45)	12	
<b>MR-16 Cool Beam 10,000 Hours (with covered glass)</b>												
35	MR-16	GX5.3	JR8353	35MR16/CG/36°/10000H FMW	FMW/CG/10M	12	38	10000	1100	1 3/4 (45)	12/120	
50	MR-16	GX5.3	JR8551	50MR16/CG/12°/10000H EXT	EXT/CG/10M	12	12	10000	9800	1 3/4 (45)	12/120	
50	MR-16	GX5.3	JR8553	50MR16/CG/38°/10000H EXN	EXN/CG/10M	12	38	10000	1650	1 3/4 (45)	12/120	
<b>MR-16 Cool Beam 35K (without covered glass)</b>												
35	MR-16	GU5.3	JR1303D	35MR16/37°/3450K FMW	FMW/35K	12	37	5000	960	1 3/4 (45)	12/120	
50	MR-16	GU5.3	JR1504D	50MR16/37°/3450K EXN	EXN/35K	12	37	5000	1450	1 3/4 (45)	12/120	
<b>MR-16 Cool Beam 42K (with covered glass)</b>												
20	MR-16	GU5.3	JR1256	20MR16/CG/38°/4200K BAB	BAB/CG/42K	12	38	5000	220	1 3/4 (45)	12/120	
35	MR-16	GU5.3	JR1356	35MR16/CG/38°/4200K FMW	FMW/CG/42K	12	38	5000	500	1 3/4 (45)	12/120	
50	MR-16	GU5.3	JR1580	50MR16/CG/38°/4200K EXN	EXN/CG/42K	12	38	5000	840	1 3/4 (45)	12/120	
<b>MR-16 Dichro-Cool Super Soft (with covered glass)</b>												
20	MR-16	GU5.3	JR1253F	20MR16/FCG/43° BAB	BAB/CG/SOFT	12	43	5000	290	1 3/4 (45)	12/120	
35	MR-16	GU5.3	JR1353F	35MR16/FCG/47° FMW	FMW/CG/SOFT	12	47	5000	600	1 3/4 (45)	12/120	
50	MR-16	GU5.3	JR1554F	50MR16/FCG/52° EXN	EXN/CG/SOFT	12	52	5000	950	1 3/4 (45)	12/120	
<b>MR-16 Aluminum Reflector (with covered glass)</b>												
20	MR-16	GU5.3	JR3253	12V20W/W/CG-GU5.3	BAB/ALUM	12	38	5000	500	1 3/4 (45)	12/120	
35	MR-16	GU5.3	JR3353	12V35W/W/CG-GU5.3	FMW/ALUM	12	38	5000	1100	1 3/4 (45)	12/120	
50	MR-16	GU5.3	JR3554	12V50W/W/CG EXN	EXN/ALUM	12	38	5000	1600	1 3/4 (45)	12/120	
<b>MR-16 Neodymium Cool Beam (with covered glass)</b>												
50	MR-16	GX5.3	JR1569	50MR16CG/32°/NEOD		12	Neo.	32	4000	1800	1 3/4 (45)	12
<b>MR-16 Cool Beam UV Stop (with covered glass)</b>												
50	MR-16	GX5.3	JR5554	50MR16CG/38°/UVC EXN		12	38	5000	1600	1 3/4 (45)	12/120	

Watts	Shape	Base	Internal Code	Description	Volts	Colour	Beam (°)	Avg. Life (Hrs)	Axis Candela (CBCP)	M.O.L. (mm)	Qty/Case
<b>MR-16 Coloured Cool Beam (with covered glass)</b>											
50	MR-16	GX5.3	JR1558	50MR16CG/13°/R	12	Red	13	4000	2100	1 3/4 (45)	12
50	MR-16	GX5.3	JR1561	50MR16CG/32°/Y	12	Yellow	32	4000	1800	1 3/4 (45)	12
50	MR-16	GX5.3	JR1562	50MR16CG/13°/G	12	Green	13	4000	3900	1 3/4 (45)	12
50	MR-16	GX5.3	JR1565	50MR16CG/32°/B	12	Blue	32	4000	150	1 3/4 (45)	1
<b>JDR MR-16 Cool Beam (with covered glass, equivalent to PAR-16 type lamps)</b>											
55	MR-16	E26	JX1240	55MR16CG/MED/10°/120V	120		10	3000	4500	2 11/16 (68)	12
55	MR-16	E26	JX1241	55MR16CG/MED/17°/120V	120		18	3000	2400	2 11/16 (68)	12
55	MR-16	E26	JX1242	55MR16CG/MED/24°/120V	120		28	3000	1500	2 11/16 (68)	12
<b>JDR MR-16 Cool Beam (without covered glass) 3600°K</b>											
75	MR-16	E17	JX1013	75MR16/E17/10°/120V/3600K	120		10	3000	3800	2 15/16 (75)	12/144
75	MR-16	E17	JX1014	75MR16/E17/18°/120V/3600K	120		18	3000	2500	2 15/16 (75)	12/144
75	MR-16	E17	JX1015	75MR16/E17/28°/120V/3600K	120		28	3000	1500	2 15/16 (75)	12/144
100	MR-16	E17	JX1041	100MR16/E17/10°/120V/3600K	120		10	3000	5700	2 15/16 (75)	12/144
100	MR-16	E17	JX1043	100MR16/E17/28°/120V/3600K	120		28	3000	1800	2 15/16 (75)	12/144
<b>JD - Single Ended Halogen Lamps</b>											
50	JD	BA15d	JD50W/DC	50Q/DC/130V	130	Clear	2000	725	2 1/4 (57)		50
50	JD	E11	JD50W/MC	50Q/MC/130V	130	Clear	2000	725	2 11/16 (68)		50
75	JD	E11	JD75W/MC	75Q/MC/130V	130	Clear	2000	1150	2 11/16 (68)		50
100	JD	BA15d	JD100W/DC	100Q/DC/130V	130	Clear	2000	1600	2 1/2 (63)		50
150	JD	E11	JD150W/MC	150Q/MC/130V	130	Clear	2000	2800	2 3/4 (70)		50
250	JD	E11	JD250W/MC	250Q/MC/130V	130	Clear	2000	5000	3 3/16 (81)		50
500	JD	E11	JD500W/MC	500Q/MC/130V EYW	130	Clear	2000	10450	3 3/4 (95)		50
<b>JT - Double Envelope Halogen Lamps</b>											
50	T10	E26	JT1055	50JT10/MED/120V	120	Clear	1500	725	3 3/8 (86)		20
50	T10	E26	JT3051	50JT10/F/MED/120V	120	Frost	1500	700	3 3/8 (86)		20
75	T10	E26	JT1043	75JT10/MED/120V	120	Clear	1500	1150	3 3/8 (86)		20
75	T10	E26	JT3043	75JT10/F/MED/120V	120	Frost	1500	1140	3 3/8 (86)		20
100	T10	E26	JT1047	100JT10/MED/120V	120	Clear	1500	1600	3 3/8 (86)		20
150	T10	E26	JT150F	150JT10/F/MED/120V	120	Frost	1500	2660	4 1/8 (105)		20
250	T10	E26	JT250	250JT10/MED/120V	120	Clear	1500	5000	4 1/8 (105)		20
<b>JC - Miniature Halogen Lamps, Horizontal Filament</b>											
10	JC Bi-Pin	G4	JC6V10W/G4	10QT3/G4/6V	6	Clear	2000	140	1 5/16 (33)		40
20	JC Bi-Pin	G2	JC12V20W/G2	JC12V20W20H/G2	12	Clear	2000	350	1 3/4 (44)		20
20	JC Bi-Pin	G4	JC12V20W/G4	20QT3/G4/12V	12	Clear	2000	350	1 5/16 (33)		40
30	JC Bi-Pin	G1	JC12V30W/G1	30QT3/G6.35/12V	12	Clear	2000	510	1 3/4 (44)		20
35	JC Bi-Pin	G2	JC12V35W/G2	35QT3/GY6.35/12V	12	Clear	2000	560	1 3/4 (44)		20
50	JC Bi-Pin	G2	JC12V50W/G2	50QT3/GY6.35/12V	12	Clear	2000	950	1 3/4 (44)		20
75	JC Bi-Pin	G2	JC12V75W/G2	75QT3/GY6.35/12V	12	Clear	2000	1440	1 3/4 (44)		20
<b>J - Double Ended Halogen Lamps</b>											
100	T3	R7S	J100W/S	100QT3/130V/80MM	130	Clear					