



### Halogen Lamps



MR 16

PAR 30

PAR 38

PAR 30LN

PAR 20

#### Features and Benefits

- 3,000 to 4,000-hour life
- Emphasizes true colors and textures
- Eliminates color-mixing problems
- Neodymium-infused lens reduces yellow light, providing whiter light than standard halogen lamps

#### Applications

- Color-critical product displays
- Cosmetics
- Furniture
- Jewelry
- Paint and other wall coverings
- Carpets and rugs
- Crystal and china
- Artwork and artifacts
- Food products

#### Xtreme White Halogen PAR Lamps Bring Whiter Light, Truer Color

Xtreme White™ halogen PAR lamps have a proprietary lens that reduces yellow light. This gives Xtreme White lamps a 3500K light that is much closer to the appearance of sunlight compared to standard halogen lamps that typically offer 2900K light.

The difference is clear when people see how Xtreme White lamps bring out the true colors and textures of products. Xtreme White lamps improve the look of any display and are excellent for retail and color-sensitive applications. In areas that use both halogen and fluorescent lighting, the Xtreme White eliminates color-mixing problems and creates a uniformly lit environment.

Engineered with top-grade materials, Xtreme White lamps provide long-lasting halogen light. With a 3,000 to 4,000-hour average life, Xtreme White lamps last twice as long as most halogen lamps. For quality, long-lasting lamps that show merchandise in the best light, look no further than Xtreme White.

**LITETRONICS®**

4101 West 123rd Street  
Alsip, Illinois 60803  
[www.Litetronics.com](http://www.Litetronics.com)



# Xtreme<sup>™</sup> white Halogen Lamps



**MR16**



**PAR20**



**PAR30**



**PAR30LN**



**PAR38**

LAMP	WATTS	BASE	VOLTS	DESCRIPTION	BEAM SPREAD	ORDERING CODE	QTY/ CASE	AVERAGE RATED LIFE	CORRELATED COLOR TEMP (K)	M.O.L.**
<b>MR16</b>	50	BI PIN	12	• 50 EXN MR16 FLM CB 33 CG	FLOOD	L-3850	10	6,000	3500	1.77"
<b>PAR20</b>	50	MED	120-125	• 50 PAR20 FL XTREME WHITE	FLOOD	G-4800	15	4,000	3500	3.15"
<b>PAR30</b>	50	MED	120-125	• 50 PAR30 FL XTREME WHITE	FLOOD	G-4803	15	4,000	3500	3.54"
	75	MED	120-125	• 75 PAR30 SP XTREME WHITE	SPOT	G-4804	15	4,000	3500	3.54"
	75	MED	120-125	• 75 PAR30 FL XTREME WHITE	FLOOD	G-4805	15	4,000	3500	3.54"
<b>PAR30LN</b>	50	MED	120-125	• 50 LN PAR30 FL XTREME WHITE	FLOOD	G-4803LN	15	4,000	3500	4.68"
	75	MED	120-125	• 75 LN PAR30 FL XTREME WHITE	FLOOD	G-4805LN	15	4,000	3500	4.68"
<b>PAR38</b>	85	MED	120-125	• 85 PAR38 FL XTREME WHITE	FLOOD	G-4810	15	4,000	3500	5.19"
	85	MED	120-125	• 85 PAR38 SP XTREME WHITE	SPOT	G-4811	15	4,000	3500	5.19"
	105	MED	120-125	• 105 PAR38 FL XTREME WHITE	FLOOD	L-8801	15	3,000	3500	5.19"

• LITETRONICS EXCLUSIVE

\*\* Maximum Overall Length (in inches)





## Material Safety Data Sheet

**Product : HALOGEN (Single ended screw based halogen lamps)**

**Company Identification** Litetronics International Inc.,  
4101 West, 123<sup>rd</sup> Street  
Alsip, IL- 60803  
USA  
1-800-860-3392

### **Hazardous Ingredients**

Lamp Assembly

OSHA	Bromine(7726-95-6)	Lead(7439-92-1)
Mg/m3	0.7	0.05
ACGIH(TLV)	0.66	0.15
% by Wt	<0.004	<0.025%
Inert ingredients	Glass, metal parts (Al, Cu, Sn, etc.)	approx. 99.88%

### **Chemical / Physical Data**

This item is a light bulb. The base is generally brass. Chemical characteristic is not applicable to intact lamps.

### **Fire & Explosion Data**

This item is light lamp. It has no data related to fire. It can melt or crack under extreme heat condition. Generally continuous external flame source is needed to initiate or sustain combustion.

### **Reactivity Data**

Polymerization will not occur. Glass will react with HF acid & base will react with other acids. In brief lamp is stable.

### **Health Hazard Data**

Not Applicable to the intact lamp or when lamp is off. Breakage of the cover will not result in any release of material. No adverse effects are expected from occasional exposure to broken lamps, but as a matter of good practice prolonged or frequent exposure should be avoided through the use of adequate ventilation during disposal of large number of lamps. Lamp contains small amount of bromine. If inner bulb is broken the small amount of bromine will escape. When lamp is on, bulb is hot. Don't touch while lit or in use.

Emergency & First Aid Procedure : Normal first aid procedure for glass cuts, if such occur through lamp breakage.

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### **Precautions for safe handling and use**

Normal precautions should be taken for collection of broken glass.

Warning: If outer glass breaks, avoid touching any of the metal components due to potential shock. The lamp may continue to light, however, immediately turn off power and lamp cool before removal to avoid potential burn and discontinue use.

Waste Disposal Method : Leaching Procedure this lamp will exhibit a lead value above the regulatory threshold. If you are a regulated generator or are disposing of large numbers of these lamps then you must be alert to the requirements of the Resource Conservation and Recovery Act and your local State Regulatory Authority before disposing of these lamps. Read the new Universal Waste Rule for lamps. Households are exempt from the Federal Hazardous Waste regulations but individual States may vary. Customers should review their waste handling practices to assure that they are properly disposing of waste lamps. For more information, please visit [www.lamprecycle.org](http://www.lamprecycle.org).

### **Control Measures**

Respiratory Protection : None. NIOSH approved respirator might be used if large volume of lamps are being broken for disposal.

Ventilation : Avoid inhalation of any airborne dust. Provide local exhaust when disposing large quantities of broken lamps.

Hand & Eye Protection : Appropriate hand and eye protection should be worn when disposing or handling of broken lamps.

When breaking lamps wear protective eyeglasses or chemical safety goggles.

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Under the occupational Safety and Health Administration (OSHA) Hazards communication Standard, a lamp (light bulb) is exempted as an “article”, and that as such, does not require an MSDS.