

# HALOGEN / ENVIRONMENT



Tungsten-halogen lamps contain only very small quantities of halogens and halogen hydrogen compounds. These substances are classified harmful but due to extreme minute portions they present no danger whatsoever to the environment even if the lamps were to break. Therefore no special precautions are needed for their disposal.

By using IRC halogen lamps instead of incandescent or standard halogen lamps you will also reduce the amount of CO<sub>2</sub> emissions as well as helping out your pocket due to the energy savings.

### High Output Halogen lamps in point form.

- Same Physical Size
- Same Fitting
- Same Light Output
- Same Wiring
- Same Transformer
- Fully Dimmable
- Less Power Consumed
- Less Heat Produced
- Non-Corrosive Pins
- No Electrician Required
- Long Life
- High Quality Reflector

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For all your lamp and lighting requirements. The staff at Lamp Replacements thank you for reading this newsletter and look forward to providing you with more information and specials in the next issue.

# THE GLOBE

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## NEWS & UPDATES



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Due to the confusion regarding the possible replacement of some dichroic lamps we have decided to focus on the high output halogen range now available. These lamps are known as the IRC range from Osram and the Masterline ES range from Philips. These lamps produce the same lumen output as the standard MR16 lamps. They use around 30% less energy than the conventional lamp. Added to the energy savings, air conditioning costs may be reduced due to heat output

being minimized. In addition long life means saving on maintenance. By using a special infra-red coating the lamps use less energy to produce the same lumen output as the standard lamps. The IRC technology reflects heat back onto the filament, enabling the lamp to consume less power and maintaining the optimum operating temperature. Through this process the thermal stress on the lamp is reduced significantly.



## BI-PINS IRC



Due to the low pressure gas being used in the Halostar IRC bi pins, this range is suitable to use in open luminaires. The axial filament has been designed to give excellent directional light output. Gold or platinum pins leaves the lamp pins corrosion free. Reliable UV protection is achieved thanks to UV-Stop quartz. The IRC technology allows more than 50% higher lumen output than standard lamps.

Code	Wattage	Voltage	Output (lm)	Ave. Life
64432 IRC	35	12	900	5,000
64440 IRC	50	12	1,250	5,000
64447 IRC	65	12	1,700	5,000



# OSRAM IRC MR16 RANGE



Code	Wattage	Voltage	Beam	Output (cd)	Ave. Life
48860SP	20	12	10°	6,000	5,000
48860FL	20	12	24°	2,300	5,000
48860WFL	20	12	38°	1,000	5,000
48860VWFL	20	12	60°	450	5,000
48865SP	35	12	10°	12,500	5,000
48865FL	35	12	24°	4,400	5,000
48865WFL	35	12	38°	2,200	5,000
48865VWFL	35	12	60°	1,100	5,000
48870SP	50	12	10°	15,000	5,000
48870FL	50	12	24°	5,700	5,000
48870WFL	50	12	38°	2,850	5,000
48870VWFL	50	12	60°	1,430	5,000

# OSRAM AR111 IRC RANGE



Code	Wattage	Voltage	Beam	Output (cd)	Ave. Life
48832 ES SP	35	12	8°	22,500	4,000
48832 ES FL	35	12	24°	4,500	4,000
48835 ES SP	50	12	8°	33,000	4,000
48835 ES FL	50	12	24°	5,800	4,000
48837 ES SP	65	12	8°	45,000	4,000
48837 ES FL	65	12	24°	8,500	4,000

# PHILIPS MASTERLINE ES RANGE



Code	Wattage	Voltage	Beam	Output (cd)	Ave. Life
18132	20	12	8°	6,500	5,000
18133	20	12	36°	1,000	5,000
18136	30	12	36°	1,600	5,000
18137	30	12	60°	750	5,000
18138	35	12	8°	11,000	5,000
18139	35	12	24°	4,400	5,000
18140	35	12	36°	2,200	5,000
18141	35	12	60°	1,050	5,000
18142	45	12	8°	16,000	5,000
18143	45	12	24°	5,450	5,000
18144	45	12	36°	2,850	5,000
18145	45	12	60°	1,300	5,000

# PHILIPS AR111 IRC RANGE



Code	Wattage	Voltage	Beam	Output (cd)	Ave. Life
14736	30	12	8°	23,000	4,000
14737	30	12	24°	4,000	4,000
14738	45	12	8°	33,000	4,000
14739	45	12	24°	5,300	4,000
14740	45	12	45°	1,900	4,000
14741	60	12	8°	48,000	4,000
14742	60	12	24°	8,500	4,000
14743	60	12	45°	2,800	4,000