EnergySense Ireland

High Bay Aluminised Induction Lamp

What Is Induction Lighting?

An induction lamp is in fact a modified fluorescent light bulb. It is very different from a standard fluorescent tube in many ways. Firstly the induction lamp has no electrodes and is started by the use of induction coils located on the outside of the lamp. The induction coil produces a very strong magnetic field which travels through the glass and excites the mercury atoms causing them to emit UV light which is then converted to visible light by the phosphor coating on the inside of the tube . Induction lamps have many applications and are becoming more commonplace than ever before. Although the theory has been around for over a century (Nikola Tesla) we are only now able to mass produce this product at a cost that is acceptable to most end users.

Features

Die cast aluminium ballast casing with power coated finish for corrosion resistance. High purity aluminium reflector with vacuum coated inner surface. Acrylic / Flat tempered glass, Polycarbonate/ acrylic lens or without lens.

Lamp and Ballast

80w – 200w round tubular induction lamp features high lighting efficacy, long lifetime, excellent colour rendering, stable output, Control gear electronics provide a high power factor (>0.95), flicker free, low loss, constant output.

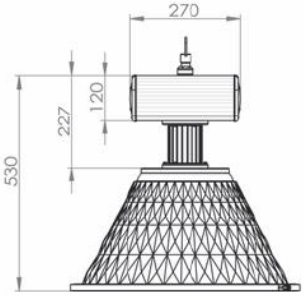
Applications

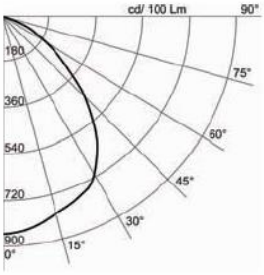
Warehouse, factory, workshop, airport, railway station, conference centres, sport/exhibition halls, schools, shopping centres, Petrol stations...

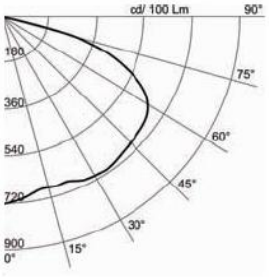
Induction Lighting

- Offers 50% energy savings
- 100,000 hour rated lifetime
- Instant on and re-strike
- Suitable for occupancy PIR sensor / Timer control
- Indoor/Outdoor product range
- 5 year lamp/ballast warranty

Reduce Energy Waste – Increase Energy Savings







Code	Type	Pwr	Volt	Colour	Lumen	Effective	Ambient	IP	Notes
	Aluminised	(W)	Vac	Temp CCT	(lm)	Lumen P-lm	Temp °C	Rating	
SE-080AH-Lxx	High Bay	80	220	5000K *	6,400	12,544	-20 to +40	IP 54	Vacuum coated
SE-120AH-Lxx	High Bay	120	220	5000K *	9,600	18,816	-20 to +40	IP 54	Vacuum coated
SE-150AH-Lxx	High Bay	150	220	5000K *	12,000	23,520	-20 to +40	IP 54	Vacuum coated
SE-200AH-Lxx	High Bay	200	220	5000K *	16,000	31,360	-20 to +40	IP 54	Vacuum coated

Colour temperatures 2720k to 6500k available upon request

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