

# INDUCTION FLOOD LIGHT



## 40w & 80w Bulkhead/ Garage Induction Lighting



### 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

High-pressure die casting aluminium cover, spray surface treatment technology, High intensity, UV and high temperature resistant PC cover, Mirror surface aluminium reflector.

Extended mounting flanges for convenient installation.

#### Lamp and Ballast

40w and 80w square tubular induction lamp features high lighting efficacy, long lifetime, excellent colour rendering (CRI 82-92), stable output. Electronic ballast features high power factor (0.98), flicker free, low loss, constant output - Instant strike (on-off-on).

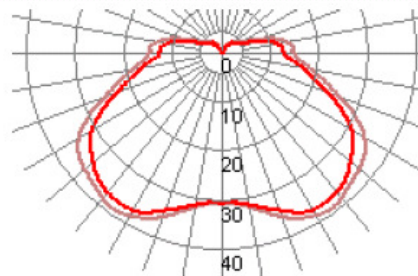
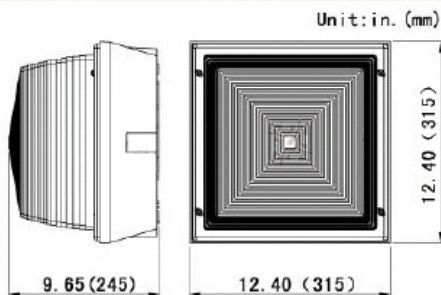
#### Applications

Underground car-parks, warehouse, industrial -commercial stores/ corridors/ stairwells/loading bays - Indoor - Protective rating IP43.

#### 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	Pw	Volt	Current	Colour	Lumen	Effective	Ambient	IP	Notes
		W	Vac	(A)	Temp CCT	(lm)	Lumen P-lm	Temp C	Rating	
ESI-040CS-LO379	Bulkhead	40	175-265vac	0.17-0.26	5000K **	3200	6,272	-25 to +50	IP 43	Mounting flanges
ESI-080CS-LO379	Bulkhead	80	175-265vac	0.33-0.51	5000K **	6400	12,544	-25 to +50	IP 43	Mounting flanges

\*\* Colour temperatures 2700k to 6500k available upon request

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