

# ozlux<sup>®</sup>

ENERGY SAVING  
LAMPS

## INDUCTION STREET LAMP

Ozlux<sup>®</sup> Induction Lamp Series



Model : ISL29

Body : Die-casting Aluminum

Shroud : Tempered Glass

## Electrical and Technical Data

Product Number	Watts	Voltage	Power Factor	Bulb	Color Temp (K)	CRI	Bulb Dimension LxWxH (mm)	Rated Avg. Life (Hrs)	Approx. Initial Lumens	Pupil Luminous Flux (Plm)
OZIL80X2S-29	80	240	>0.95	Rectangle Tube	2700K/3500K/6500K	85	300 x 142 x 78	80,000	6,000	9,600
OZILA1X2S-29	150	240	>0.95	Rectangle Tube	2700K/3500K/6500K	85	400 x 145 x 78	80,000	12,000	19,200
OZILBTX2S-29	200	240	>0.95	Rectangle Tube	2700K/3500K/6500K	85	450 x 150 x 90	80,000	16,000	25,600
OZILBJX2S-29	250	240	>0.95	Rectangle Tube	2700K/3500K/6500K	85	550 x 155 x 90	80,000	20,000	32,000
OZILCTX2S-29	300	240	>0.95	Rectangle Tube	2700K/3500K/6500K	85	675 x 150 x 90	80,000	24,000	38,400

### Maintenance Free and low degradation:

Due to there is no filament in the lamp, it is Extra long Life. It is expected to work for  $\geq 80,000$  hours. The light output degradation is also very low, i.e.  $\leq 15\%$  throughout the whole life of the lamp.

### High efficiency and energy saving:

High efficacy, it achieve  $\geq 86$  lm/W. High efficiency, the power factor is higher than 0.98 ( $\cos\phi \geq 0.98$ ) and ballast losses is very low. The output of a 100W Induction light is equivalent to a 600W incandescent light, a 85W induction is equivalent to a 170W Metal Halide lamp, 250W high pressure sodium and 500W incandescent light.

### Environmentally safe:

It uses less than 3mg of encapsulated solid amalgam mercury. When the bulb breaks, it will not cause pollution. The lamp is 100% recyclable.

### No flickering, low glare, good for eyes:

Because of high efficiency, there is no flickering and the light is very stable and bright. It works unaffected by vibration and/or shaking.

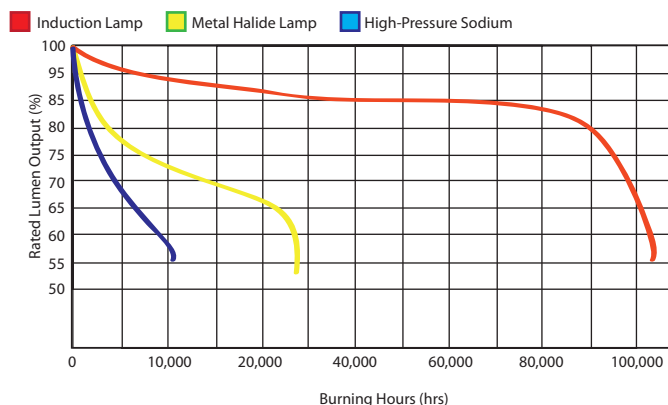
### High dependability:

The product is available in both AC and DC models. The AC voltage is in the scope from 220 ~ 240V. The operation temperature is between  $-20^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$ .

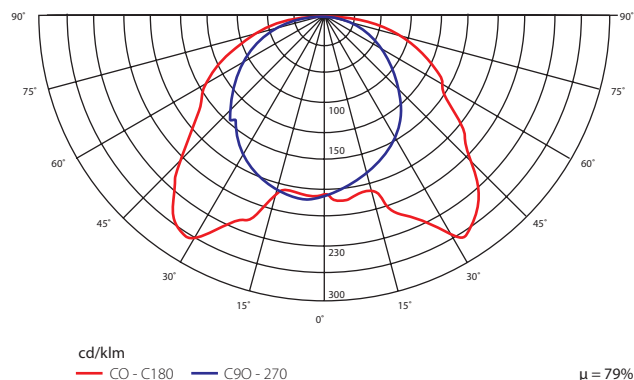
### Rapid start, no warm-up period:

The function of start and restart is instant and it will not cause light degradation.

## Lumens Maintenance Curves for Various Commercial Light Types



## Distribution Graph



## Dimensions (mm)

