

# ozlux®

## ENERGY SAVING LAMPS

### INDUCTION STREET LAMP

Ozlux® Induction Lamp Series



Model : ISL29  
Body : Die-casting Aluminum  
Shroud : Tempered Glass



Model : ISL30  
Body : Die-casting Aluminum  
Shroud : PC Shroud

### Induction Street Lamps featuring Ozlux® Lamp Technology

#### Electrical and Technical Data

Product Number	Watts	Voltage	Power Factor	Bulb	Color Temp (K)	CRI	Bulb Dimension LxWxH (mm)	Rated Avg. Life (Hrs) 1	Approx. Initial Lumens 2	Pupil Luminous Flux (Plm)
OCIL80X25-29	80	240	>0.95	Rectangle Tube	2700K/3500K/6500K	85	300 x 142 x 78	80,000	6,000	9,600
OCILAJX25-29	150	240	>0.95	Rectangle Tube	2700K/3500K/6500K	85	400 x 145 x 78	80,000	12,000	19,200
OCILBTX25-29	200	240	>0.95	Rectangle Tube	2700K/3500K/6500K	85	450 x 150 x 90	80,000	16,000	25,600
OCILBJX25-29	250	240	>0.95	Rectangle Tube	2700K/3500K/6500K	85	550 x 155 x 90	80,000	20,000	32,000
OCILCTX25-29	300	240	>0.95	Rectangle Tube	2700K/3500K/6500K	85	675 x 150 x 90	80,000	24,000	38,400
OCIL80X25-30	80	240	>0.95	Rectangle Tube	2700K/3500K/6500K	85	300 x 142 x 78	80,000	6,000	9,600
OCILAJX25-30	150	240	>0.95	Rectangle Tube	2700K/3500K/6500K	85	400 x 145 x 78	80,000	12,000	19,200
OCILBTX25-30	200	240	>0.95	Rectangle Tube	2700K/3500K/6500K	85	450 x 150 x 90	80,000	16,000	25,600

#### 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 ≥80,000 hours. The light output degradation is also very low, i.e. ≤15% throughout the whole life of the lamp.

#### High efficiency and energy saving:

High efficacy, it achieve ≥86 lm/W. High efficiency, the power factor is higher than 0.98 (cosφ≥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.

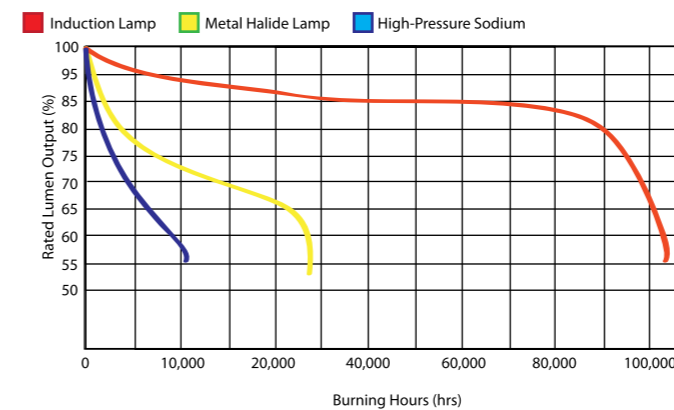
#### High dependability:

The product is available in both AC and DC models. The AC voltage is in the scope from 110V to 264V, 480V, and the DC in 12V or 24V. The operation temperature is between -20°C to +70°C.

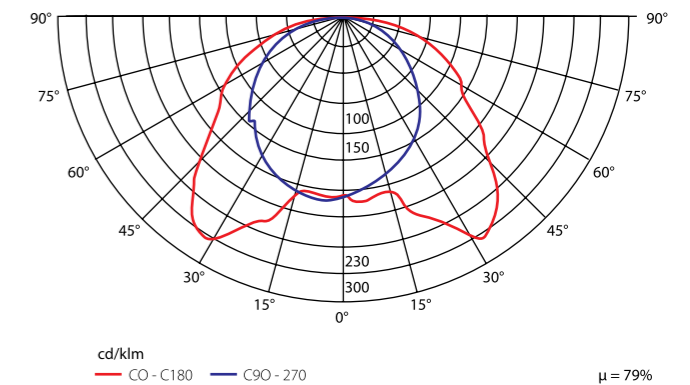
#### Rapid start, no warm-up period:

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

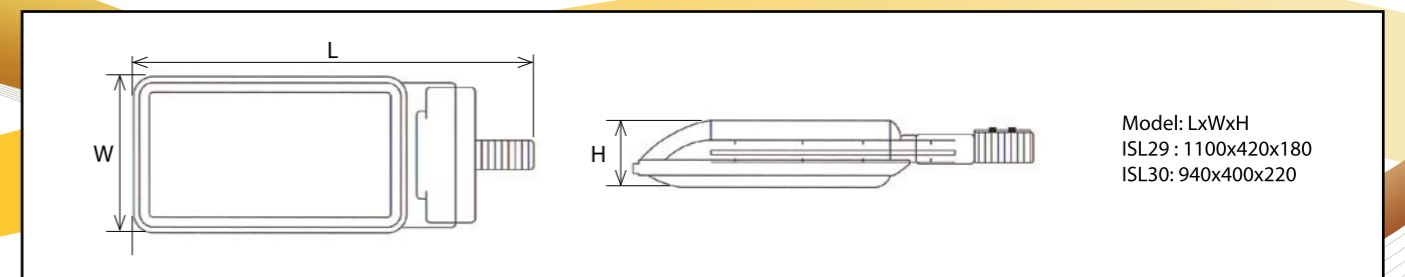
#### Lumens Maintenance Curves for Various Commercial Light Types



#### Distribution Graph



#### Dimensions (mm)



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# ozlux®

ENERGY SAVING LAMPS

## INDUCTION STREET LAMP

Ozlux® Induction Lamp Series



Model : ILS24  
 Body : Die-casting Alumium  
 Shroud : Tempered Glass



### Induction Street Lamps featuring Ozlux® Lamp Technology

#### Electrical and Technical Data

Product Number	Watts	Voltage	Power Factor	Bulb	Color Temp (K)	CRI	Bulb Dimension ØD x H (mm)	Rated Avg. Life (Hrs)	Approx. Initial Lumens	Pupil Luminous Flux (Plm)
OCIL85X2S-24	85	240	>0.95	Oliva Bulb	2700K/3500K/6500K	85	Ø90 x 215	60,000	6,800	10,880
OCILAgX2S-24	135	240	>0.95	Oliva Bulb	2700K/3500K/6500K	85	Ø120 x 250	60,000	10,800	17,280
OCILAMX2S-24	165	240	>0.95	Oliva Bulb	2700K/3500K/6500K	85	Ø120 x 250	60,000	13,200	21,120

#### 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 ≥60,000 hours. The light output degradation is also very low, i.e. ≤15% throughout the whole life of the lamp.

#### High efficiency and energy saving:

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#### 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.

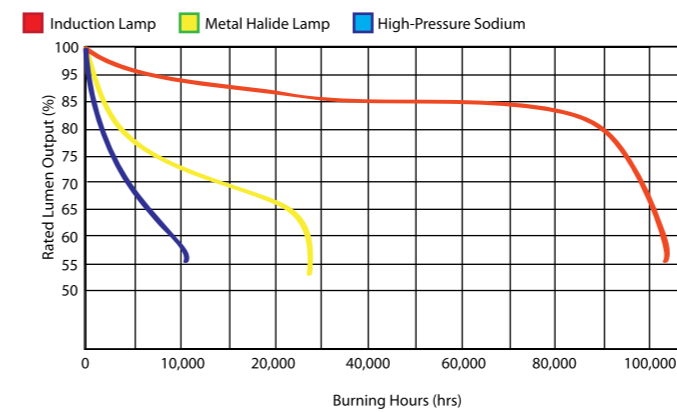
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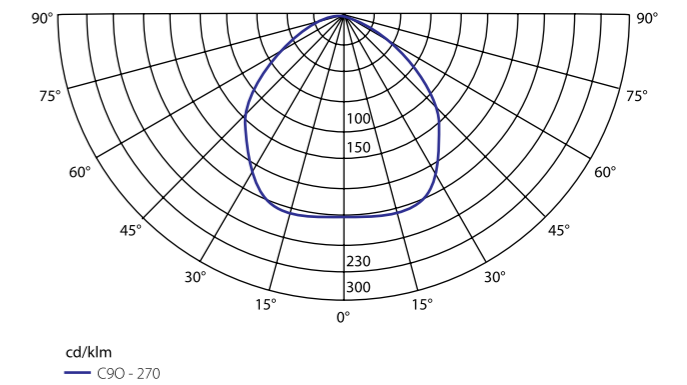
#### Rapid start, no warm-up period:

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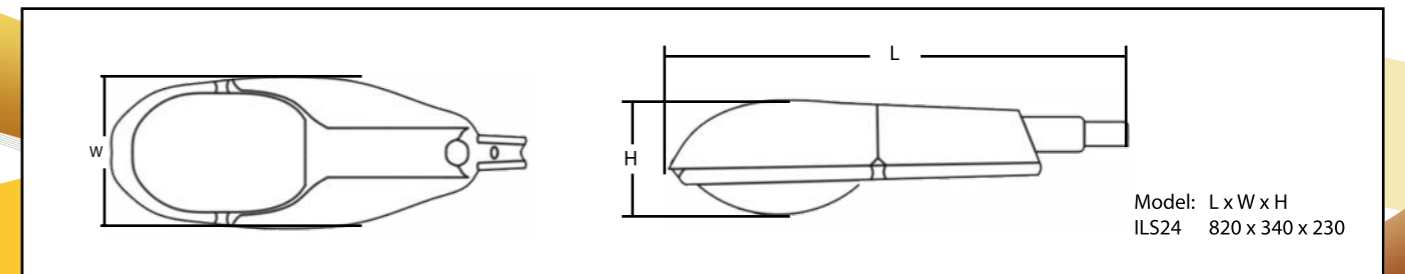
#### Lumens Maintenance Curves for Various Commercial Light Types



#### Distribution Graph



#### Dimensions (mm)



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