

ozlux[®]

ENERGY SAVING LAMPS

INDUCTION FLOODLIGHT LAMP

Ozlux[®] Induction Lamp Series



Induction Floodlight Lamps featuring Ozlux[®] Lamp Technology

Electrical and Technical Data

Product Number	Watts	Voltage	Power Factor	Bulb	Bulb Dimension	Rated Avg. Life	Approx. Lumens	Pupil Luminous Flux (Plm)
OZIFAJX2S-53	150	240	> 0.95	Rectangle Tube	400x145x78	80,000	12,000	19,200
OZIFBTX2S-53	200	240	> 0.95	Rectangle Tube	450x150x90	80,000	16,000	25,600
OZIFCTX2S-53	300	240	> 0.95	Rectangle Tube	675x150x90	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 ≥ 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:

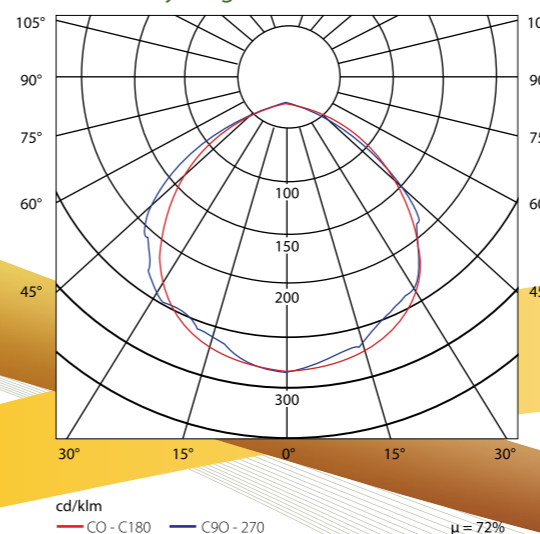
The product is available in both AC and DC models. The AC voltage is in the scope from 110V to 264V, 480V, and the DC in 12V or 24V. The operation temperature is between -20°C to $+70^{\circ}\text{C}$.

Rapid start, no warm-up period:

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



Polar Intensity Diagram



Dimensions (mm)

