

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.

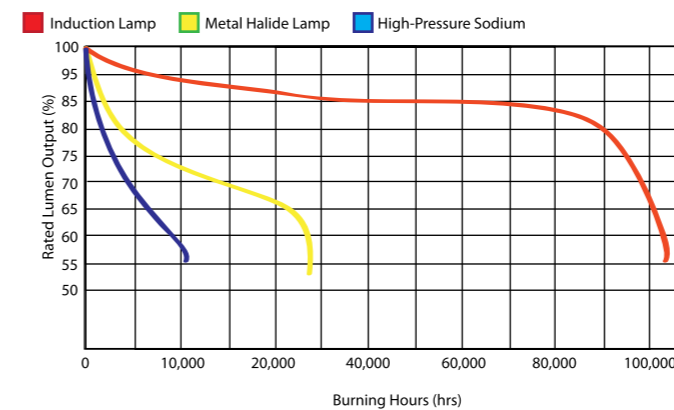
High dependability:

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.

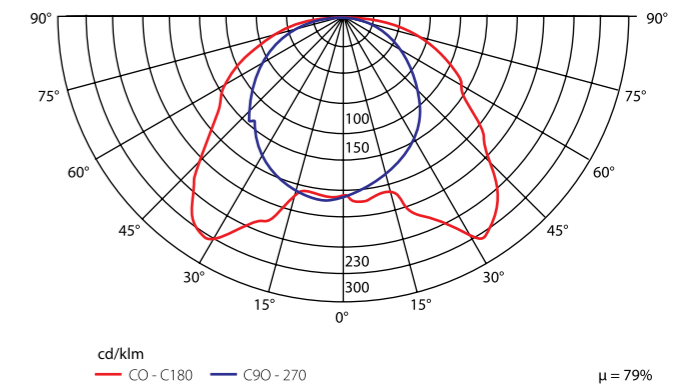
Rapid start, no warm-up period:

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

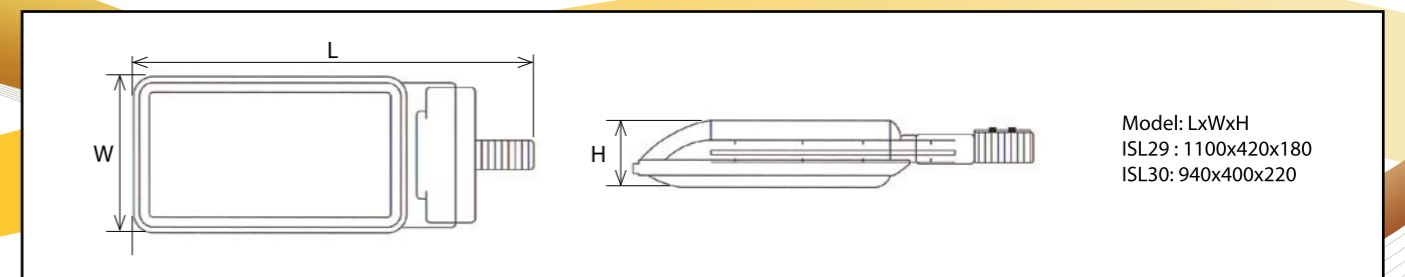
Lumens Maintenance Curves for Various Commercial Light Types



Distribution Graph



Dimensions (mm)



34-2, Jalan 3/146, Bandar Tasik Selatan, 57000 Kuala Lumpur, Malaysia.
Tel: +603 9057 8949 Fax: +603 9057 8946 Email: sales@dpsb.com Web: www.ozlux.com

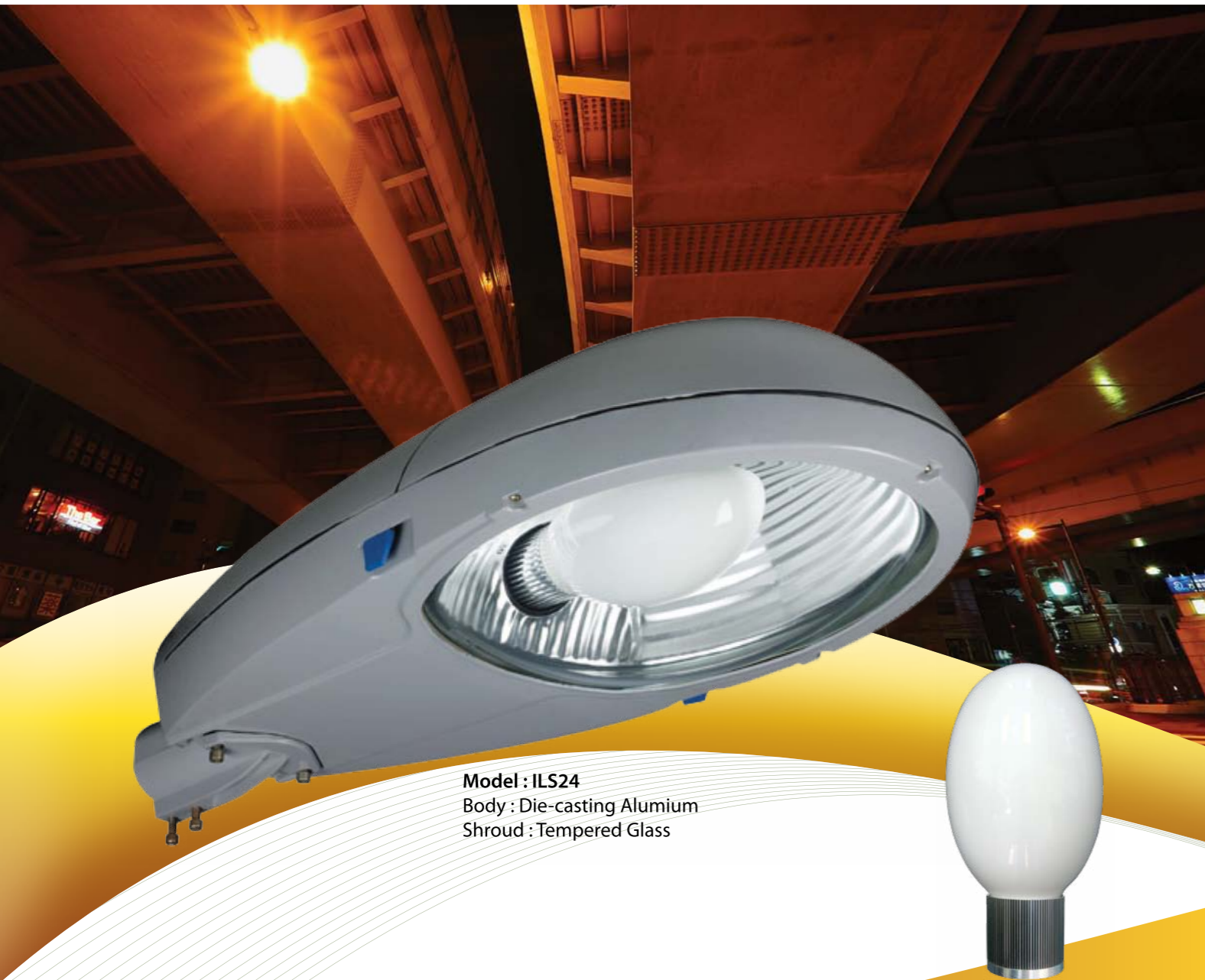


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ENERGY SAVING LAMPS

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:

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.

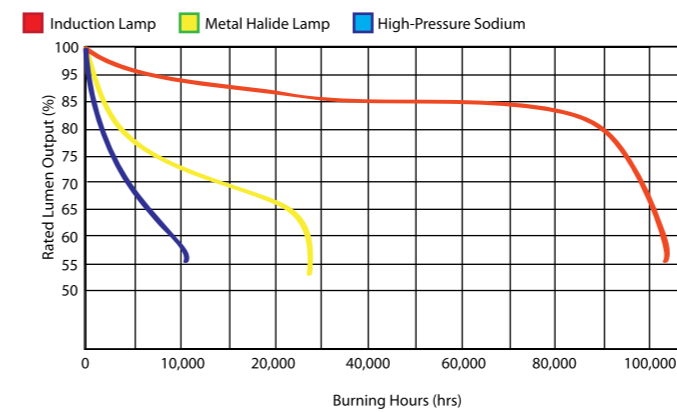
High dependability:

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.

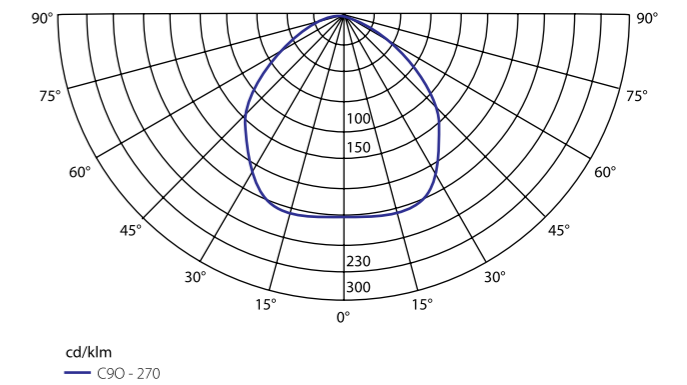
Rapid start, no warm-up period:

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

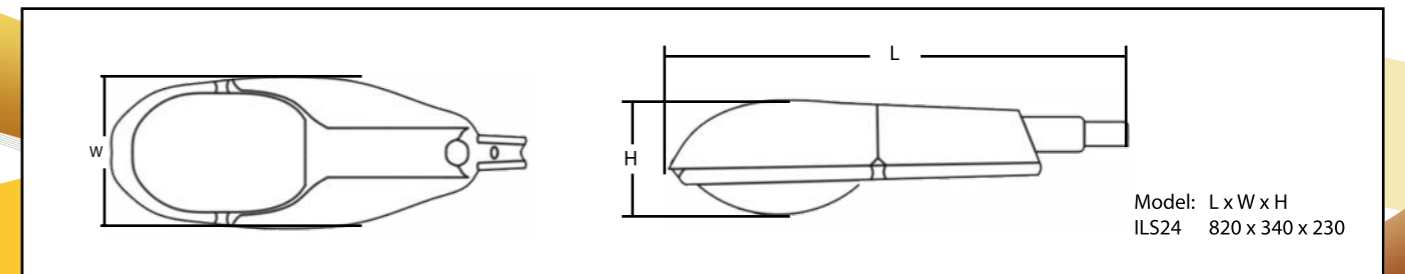
Lumens Maintenance Curves for Various Commercial Light Types



Distribution Graph



Dimensions (mm)



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ozlux® ENERGY SAVING LAMPS

INDUCTION 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.

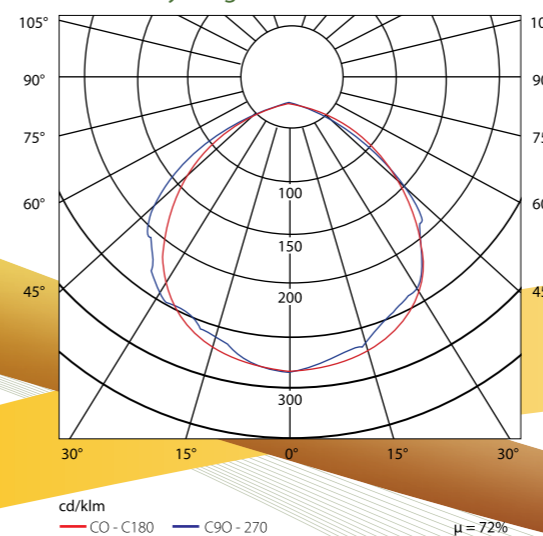
High dependability:

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 $+70^{\circ}\text{C}$.

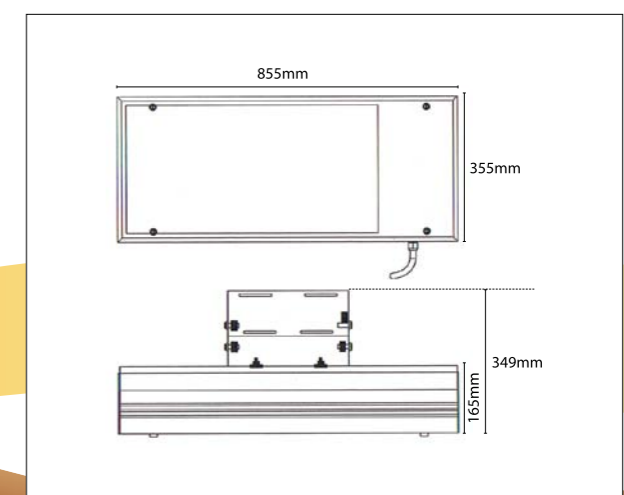
Rapid start, no warm-up period:

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

Polar Intensity Diagram



Dimensions (mm)



ozlux®

ENERGY SAVING LAMPS

INDUCTION HIGH-BAY LIGHTS

Ozlux® Induction Lamp Series



InductionBay Lights featuring Ozlux® Lamp Technology

Electrical and Technical Data

Product Number	Watts	Voltage	Power Factor	Color Temp.	Dimension H x D (mm)	Rated Avg. Life	Approx. Lumens	CRI
OZILA0D2	100	240	> 0.98	2700K/3500K/6500K	100WØ245x78	80,000	8,000	80
OZILAJD2	150	240	> 0.98	2700K/3500K/6500K	150WØ335x79	80,000	12,000	80
OZILB0D2	200	240	> 0.98	2700K/3500K/6500K	200WØ355x89	80,000	16,000	80
OZILBJD2	250	240	> 0.98	2700K/3500K/6500K	250WØ415x90	80,000	20,000	80
OZILC0D2	300	240	> 0.98	2700K/3500K/6500K	300WØ425x90	80,000	24,000	80

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 (cosØ≥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.

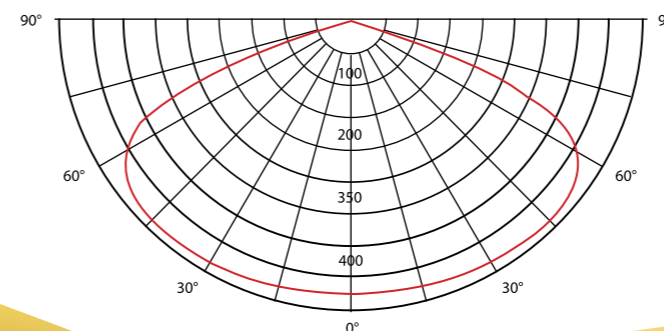
High dependability:

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.

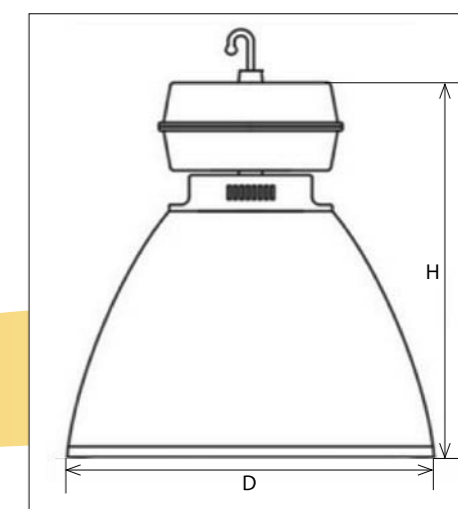
Rapid start, no warm-up period:

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

Distribution Graph



Dimensions (mm)



EFFICIENT & PERFORMANCE

- Extended operation of 80,000 Hours
- 50% Energy Savings
- Direct Replacement for Conventional Low/ Highbay Lamps.
- Minimal colour shift

MULTI-APPLICATION

- Suitable for Industrial and Commercial applications

TECHNICAL

- Simple Two Part System which utilizes the induction lamp and industrial Power Supply Unit
- No 'Start Up' or 'Hot Restrike' waiting time

GREEN TECHNOLOGY

- Low Energy Consumption
- Low Mercury Content
- Less Heat Dissipation



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