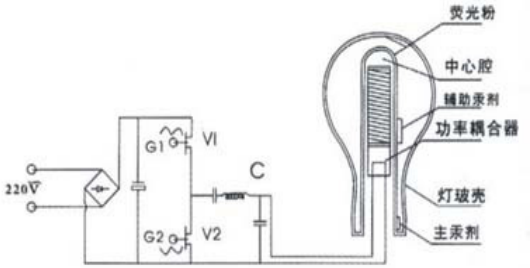
High Frequency Electrodeless Discharge Lamp (HF-EDL)



HF-EDL work principle

HF-EDL

applies techniques of Electromagnetic induction and discharge of fluorescent gas to ionize the fluorescent gas to plasma. The fluorescent powder will generate visible light after it is stimulated by UV that is generated by stimulated plasma.

lets you get electricity saving

30% to 65%.

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HF-EDL Advantages

Specification

- Long lifespan – ≥60,000 hours
- Short start and restart time – <0.5 seconds
- High power factor – ≥0.98
- Low surface temperature – <90ºC
- High Stability – Flicker free
- Wide voltage range – 125-265V
- High Ra – >80
- Low maintenance fee – Mostly free maintenance in first 3 years

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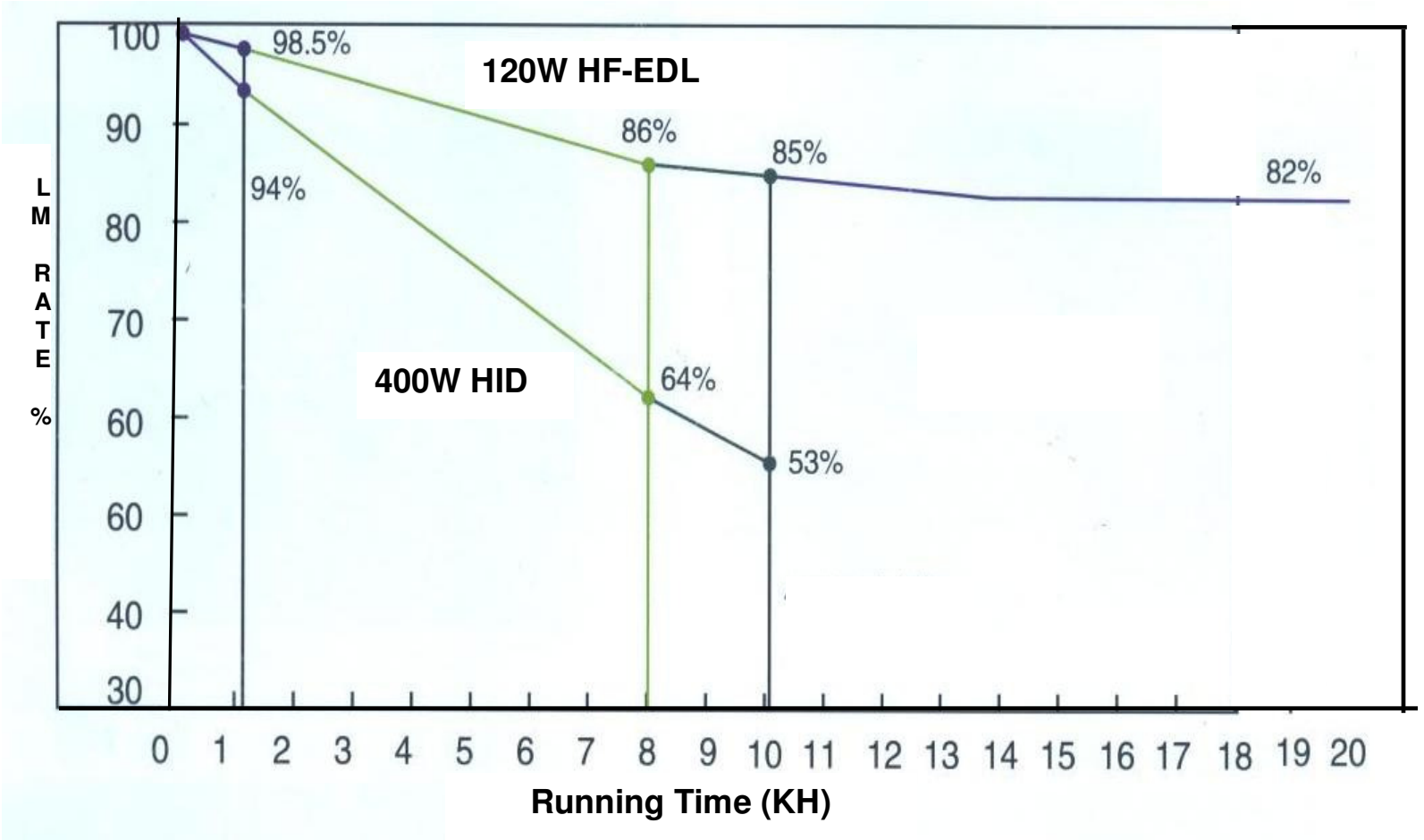
HF-EDL Advantages

Lifespan compares with HID



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Applications

<Factory Lighting>

Left	Right
Model:MH-250W(Energy Saving Lamp)	Model:DK-135W(HF-EDL)
Height:3m	Height:3m
Lux:40	Lux:130

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Applications

<Street Lighting>

Left	Right
Model:DK-135W(HF-EDL)	Model:NH-250W(HID)
Height:10m	Height:10m

Top
Model:NH-150W(HID)
Height:11m

Bottom
Model:DK-150W(HF-EDL)
Height:11m

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Applications

<Tunnel Lighting>

Left	Right
Model:NH-250W(HID)	Model:DK-135W(HF-EDL)
Height:7m	Height:7m

Top
Model:NH-250W(HID)
Height:3m

Bottom
Model:DK-85W(HF-EDL)
Height:3m

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