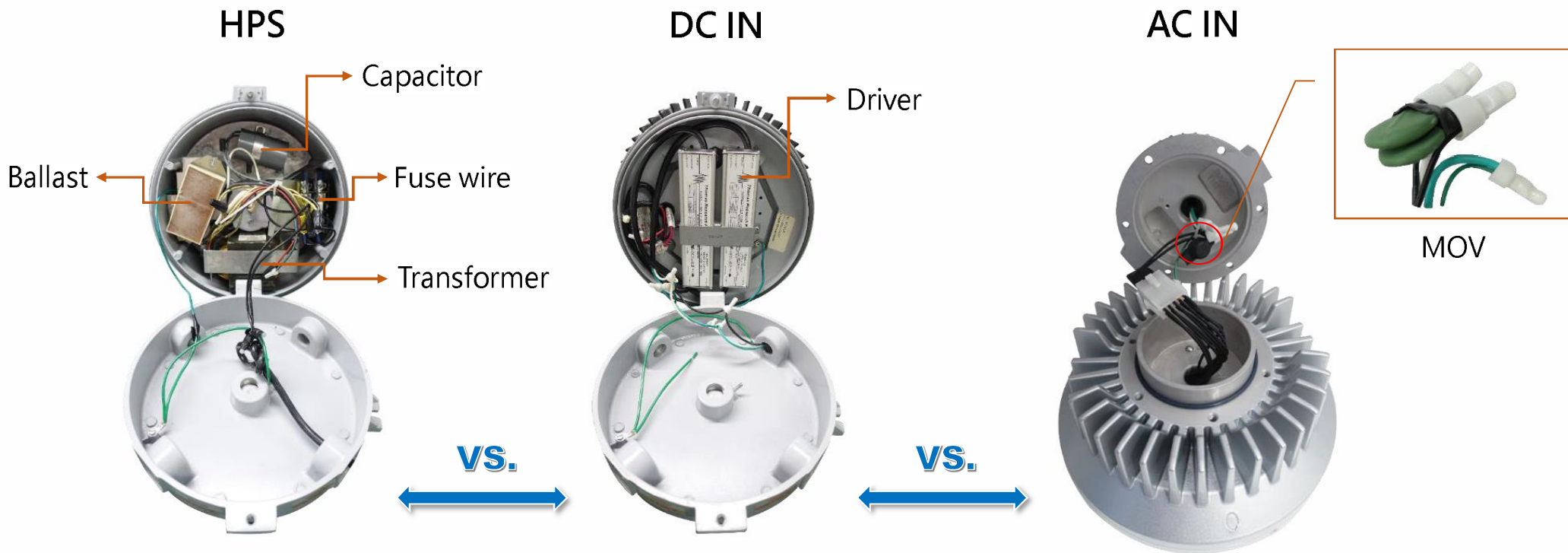


AC IN technology is different from traditional lights



- Complicated design and wiring
- Higher malfunction rate
- Higher maintenance cost

- With driver and transforming loss
- Lower efficiency.

- **Special design**
- **Simple wiring and few components**
- **No driver component failure issue**

AC IN LED Technology

- **Since the AC IN LED Light has no driver, there is no efficiency loss and power supply failure.**
- **AC IN LED technology as promising technologies in the continued adoption of LED Lighting and the next generation of light sources.**

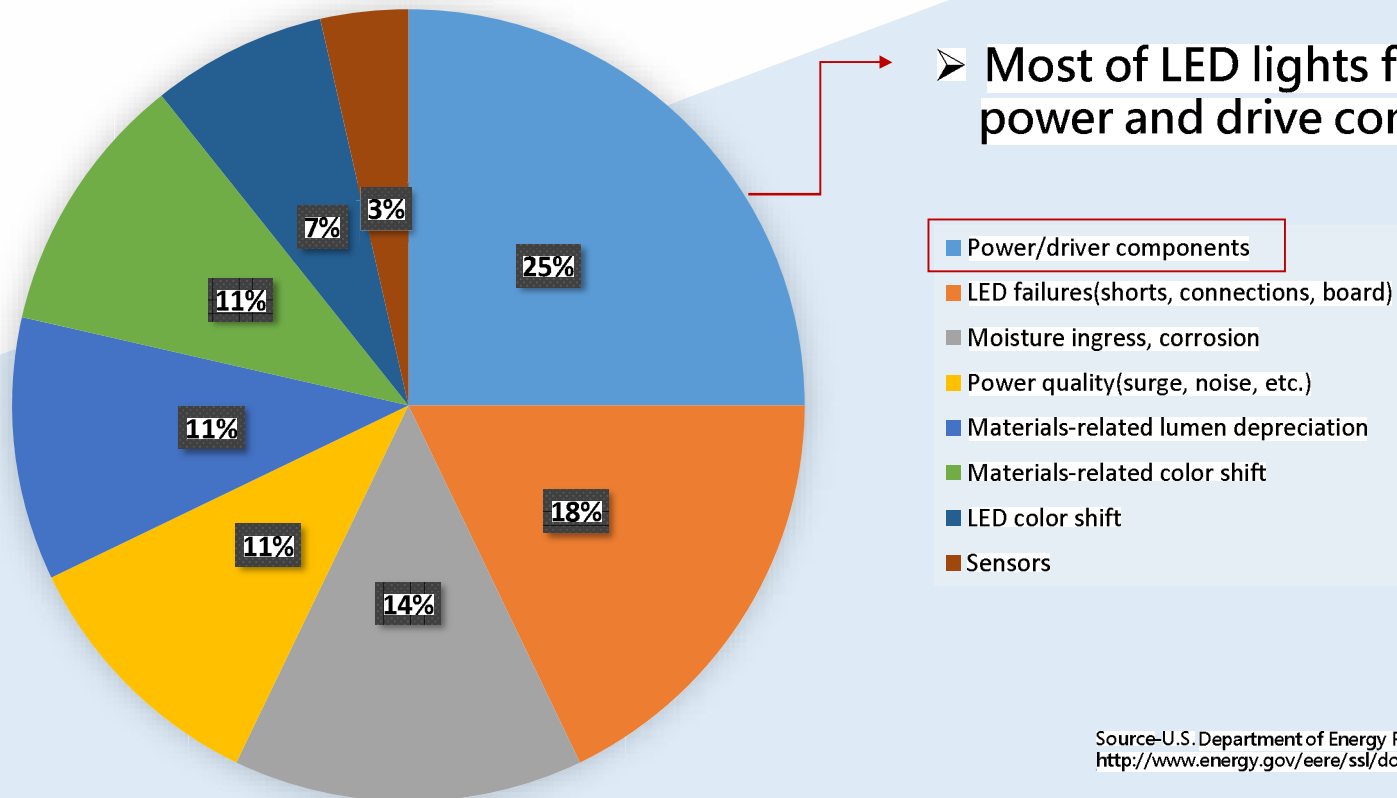


**U.S. DEPARTMENT OF
ENERGY**

Source : <http://www.energy.gov/eere/ssl/downloads/solid-state-lighting-rd-plan>

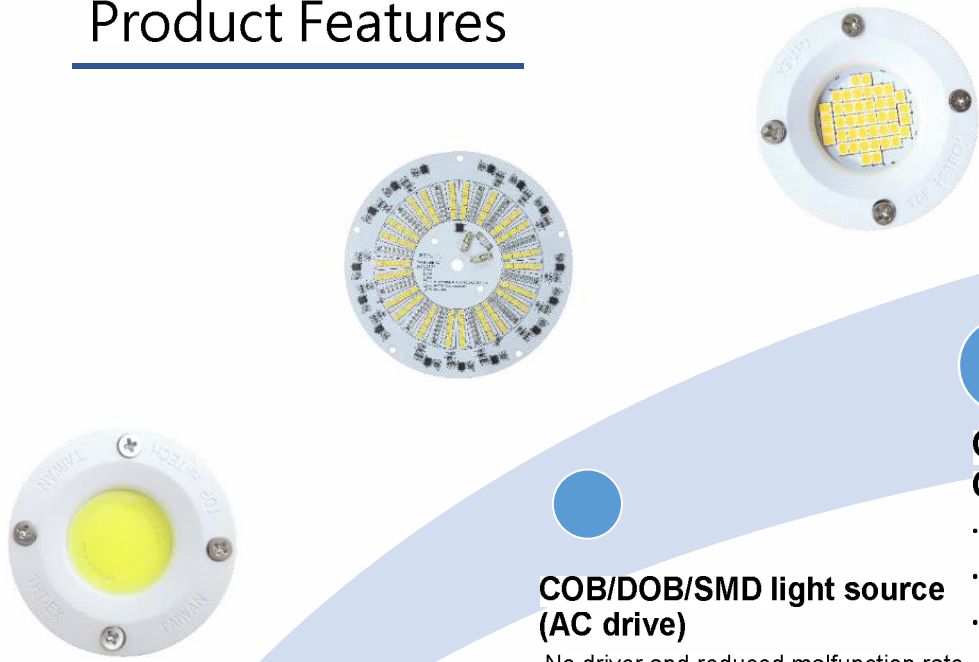
AC vs. DC

Most-Observed LED System Failures



Source-U.S.Department of Energy R&D Plan (Page 77):
<http://www.energy.gov/eere/ssl/downloads/solid-state-lighting-rd-plan>

Product Features



Modular Design

- Lighting wattage 10W~240W
- Option of Multi-voltage & Multifunction
- Easy to assemble and maintain
- Independent power source

COB/DOB/SMD light source (AC drive)

- No driver and reduced malfunction rate
- 2 million times power cycle
- Instantaneous start-up
- Light fixture is small size and light weight lead to smaller wind resistance and reduced maintenance work .

Global Explosion-proof Certifications

- IECEx (International Electrotechnical Commission)
- ATEX (E.U.)
- cULus (N.A.)
- TS (Taiwan)
- CML (Japan)
- GB (China)
- NOM (Mexico)
- KOSHA (Korea)
- ABS (Explosion-proof Certificate for marine American Bureau of Shipping)
- CR (Explosion-proof certificate for marine CR Classification Society)

Advantages of Our Products

