



Why is it important for Mid-Tier Manufacturers?

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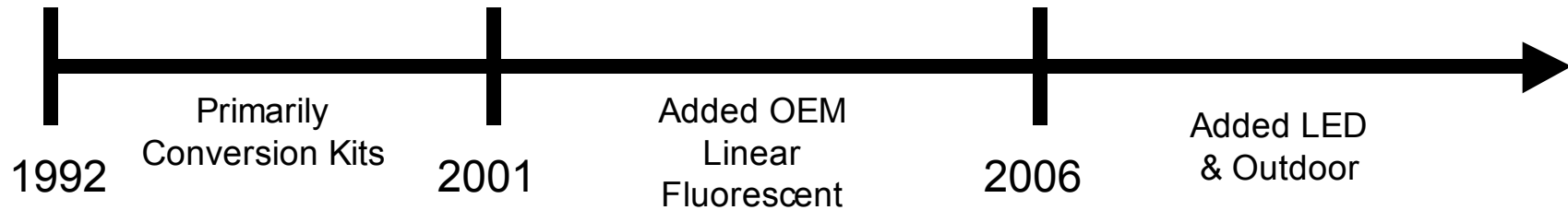
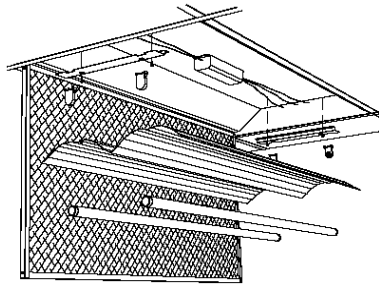
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About Us



In the beginning...





Where Are The Gaps?

Mid-Tier
Manufacturers

Application Knowledge



Existing Distribution Channels



LED Light Engines



LED Optics



LED Thermal Management





LED Challenges



- Optics
 - LED Optics are different than typical lens and reflector technologies.
- Thermal Management
 - Technologies such as HID do not require thermal management because most ballasts are core & coil.
 - Fluorescent fixtures which have electronic ballasts do require thermal management but this is primarily handled through ventilation as opposed to other heat sinking technologies. Additionally, the lamps generate the majority of the heat.
 - LEDs on the other hand transfer heat out the back of the chip. The LED chips require full heat sinking to prevent premature failures.
- Circuit Board or Light Engine Development
 - Single LEDs are useful when a turnkey light engine can be provided.



How will the SSLITA provide value?

- Promote communication between LED suppliers & integrators and existing middle tier fixture manufacturers.
 - Standardized datasheets a huge benefit!
- Reduce Time to Market for LED solutions
- Accelerate Technology Acceptance for General Area Lighting
- Performance labeling provides clear integrated performance targets for end products, probably not for components