Standard Items for System Control Lighting Engine

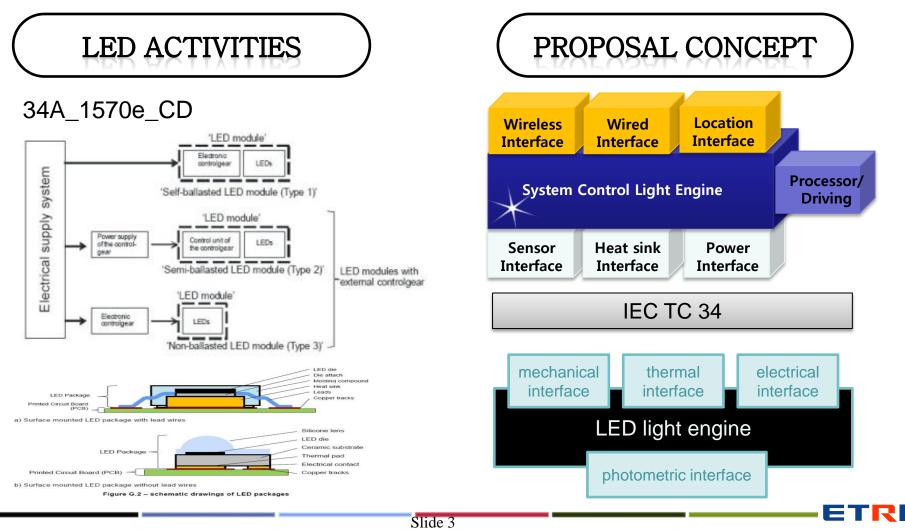
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New Commercial LED Lighting issues

- Increasing undefined LED connections
 - Sensor: motion, temperature, Ambient Light Sensor
 - Wireless: WiFi, ZigBee, Smartphone, VLC(Visible Light Communication)
 - Wired: Ethernet, DALI
- Need for safety consideration
 - Unexpected Error by non-standard connection
 - Side effect by a complicated connection without standard
- Expect more efficiency
 - Simple connection principle for LED control modules
 - Reduce power consumption of LED control modules

System Contol Lighting Structure



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Suggestions for System Control Lighting modules

- Information Sharing
 - New Technical LED issues
 - Marketing LED issues
 - Standard Information Sharing
- New Standard Specification Development
 - Wireless Control module interface
 - ZigBee, Bluetooth, Wireless LAN, Visible Light Communication in IEEE 802.15.7
 - Wired Control module interface
 - Ethernet, DMX, DALI, Lighting Identifier Management
 - Sensor Control module interface
 - Motion, Temperature, Ambient light
 - Power, heat sink and so on