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### **2G11 PL LED RETROFIT (REPLACEMENT) LAMP:**

Our range of LED lamp for the replacement of office based PLL lamps demonstrate the very latest advances in LED technology. They bring together excellent light output, astonishing levels of reliability and lumens maintenance at a very affordable price.

Ranging from **8W to 18W** they can be used to replace PLLs ranging from **15W up to 36W**. Because of the high efficacy and directional nature of these LED lamps, together with the sharp white light and high color rendering index, it is possible to reduce the power consumption of light fittings by between 50% and 75% with no discernible reduction in effective light levels.



### **Why PLL Retrofit?**

- Simple Plug-in retrofit lamp that allows replacement of old-style fluorescent lamps with energy-efficient equivalents in the existing light fittings 100% proven technology
- Easy to install – thereby avoiding disruptive 'downtime' during the installation period
- Does not require any additional cabling between the ballast and the fitting
- Fits both Electro-magnetic and Electronic PLL light fittings
- IP64 rated (driver) – meaning that there is very little risk of damage to the sensitive electronics in the driver due to moisture ingress
- Include surge protection and an internal cut-out for protection against short circuit as standard
- Rated life of at least 35,000 hrs at 12 hour switching cycles
- Maintains lumen levels at over **90% for 20,000 hours**
- Thermal-cut off feature and Filament pre-heat function
- Complies to CE Standards including the EMC Directive
- RoHs Directive Approved (2002/95/EC) / WEEE Directive
- **2 Years – Product Replacement Warranty** in normal use (10 hrs/day)

**Technical Specification:**

<b>Item No.</b>	<b>KE-LED-PLL -18W</b>
<b>Input Voltage</b>	AC 90-265V 50/60 Hz
<b>LED's</b>	96 Pcs SMD2835
<b>Power Consumption</b>	18W ± 5%
<b>PFC</b>	≥ 0.95
<b>Power Efficiency</b>	≥ 89%
<b>Color Temperature</b>	6000 – 6500K (Day Light)
<b>Total Luminous Flux</b>	>1800 lm (Day Light)
<b>CRI</b>	> 80 (Day Light)
<b>Beam Angle</b>	120°
<b>Working Temperature</b>	-30° ~ 50°C
<b>Working Humidity</b>	10% – 90%
<b>Housing Part</b>	High Quality Aluminum + PC
<b>Dimension</b>	410*38*27 mm
<b>Average Lifespan</b>	> 35,000 hours
<b>Ingress Protection</b>	IP54