



QUESTION		ANSWER
1	<p><b>Can the LRK be used to retrofit fluorescent fixtures other than recessed troffers?</b></p> <p><i>(Ex: fluorescent industrials, strips, wraps, and vapor tights)</i></p>	<p>ULT has expanded the LRK Suitable Luminaire Types to add flexibility in the type of fixture that may be retrofit. The LRK kits now carry approval for:</p> <ul style="list-style-type: none"> <li>• <b>2x2 &amp; 2x4 Troffers:</b> Lensed or parabolic, Type IC (<i>Insulated Ceiling</i>) or Type Non-IC</li> <li>• <b>2ft, 4ft &amp; 8ft Wraparounds:</b> Lensed or non-lensed, one or two kits per fixture</li> <li>• <b>2ft, 4ft &amp; 8ft Striplights:</b> Non-lensed, one or two kits per fixture</li> <li>• <b>2ft, 4ft &amp; 8ft Vaportights:</b> Lensed, one or two kits per fixture</li> </ul> <p>See installation instructions for additional detail.</p>
2	<p><b>Can the LRK's driver be mounted remotely?</b></p>	<p>The LRK was designed and tested for installation of the driver within the troffer housing per the installation instructions.</p>
3	<p><b>Are step-dim or bi-level options available for the LRK?</b></p>	<p>Although step-dim and bi-level options are not available at this time, the 0-10V control wires of the LRK's driver allow dimming control from standard 0-10V control systems.</p>
4	<p><b>How many LRKs can be connected to a single 0-10V control loop in a dimming control application?</b></p>	<p>It depends on the control loop current sinking capacity of the control device used, companion control loads in the loop (<i>ex: non-ULT</i>) and the wire gauge and length of the control loop. ULT drivers deliver approximately a 160 <math>\mu</math>A control current. The control device must be able to support the current of all connected devices. Most control systems can support 50-60 of such devices per control loop but be wary of any companion loads on the control loop, as some manufacturers deliver up to 10x that current.</p>
5	<p><b>Are quick-disconnects needed?</b></p>	<p>UL only requires electrical quick-disconnects for new luminaires. Check local codes for any additional requirements. Quick-disconnects, if needed, are commercially available and can easily be added by the contractor during installation.</p>
6	<p><b>Is the LRK suitable for use in troffers with emergency backup modules installed?</b></p>	<p>Not at this time.</p>
7	<p><b>What is a good color temperature for retrofitting commercial applications?</b></p>	<p>Most fluorescent lamp volume was probably in the the Cool White (<i>4100K color temperature</i>). 4000K is therefore a good choice for these applications if visual consistency is desirable. 3500K CCT is preferred by many occupants for its less harsh, more neutral color and is common in modern commercial and many retail applications. 5000K, while perceived as too blue by some, is preferred by others for its bright, clean appearance, and is sometimes believed to promote a heightened level of concentration and activity. The LRK is available in 3500K, 4000K and 5000K CCTs.</p>
8	<p><b>Is the LRK listed on the DesignLights Consortium® (DLC®) qualified products list?</b></p>	<p>Most LRK products are DLC® qualified. Check specification sheets or <a href="http://www.designlights.org/qpl">www.designlights.org/qpl</a> for current status. DLC® qualified products are eligible for many utility rebates. See <a href="http://www.dsireusa.org">www.dsireusa.org</a> for more information on rebate programs.</p>
9	<p><b>In the unlikely event of a driver failure under warranty, will ULT replace the driver or the entire retrofit kit?</b></p>	<p>In the event of a warranty failure, ULT would provide a replacement driver.</p>