Lynk Labs Products and/or Technology comprise approved and pending patents in the field of in the field of LED lighting for Circuits, Chips, Packages, Assemblies, Drive Methods, Drivers/Power Supplies, Lamps and Lighting Systems and may fall under one or more of the following Patent numbers.

US Patent Number	Patent Title
US 7489086	AC Light Emitting Diode and AC LED Drive Methods and Apparatus
US 8148905	AC Light Emitting Diode and AC LED Drive Methods and Apparatus
US 8531118	AC Light Emitting Diode and AC LED Drive Methods and Apparatus
US 9807827	AC Light Emitting Diode and AC LED Drive Methods and Apparatus
US 8742630	One Wire Self Referencing Circuits for Providing Power and Data
US 8179055	LED Circuits and Assemblies
US 8841855	LED Circuits and Assemblies
US 8177390	Electric Display Device with Integrated Lighting System
US 8648539	Multi-Voltage and Multi-Brightness LED Lighting Devices and Methods of Using Same
US 9750098	Multi-Voltage and Multi-Brightness LED Lighting Devices and Methods of using Same
US 6760380	Data Transmission Apparatus and Method
US 9198237	LED Lighting System
US 9615420	LED Lighting System
US10051703	LED Lighting System
US 9249953	LED Lamp with Selectable Beam Angle Optic Method and Apparatus
US 9247597	Color Temperature Controlled and Low THD LED Lighting Devices and Systems and
	Methods of Driving the Same
US 9516716	Color Temperature Controlled and Low THD LED Lighting Devices and Systems and
	Methods of Driving the Same
US 9693405	Devices and Systems Having AC LED Circuits and Methods of Driving the Same
US 10178715	High Frequency Multi-Voltage and Multi-Brightness LED Lighting Devices and Systems
	and Methods of Using Same.
US 10154551	AC Light Emitting Diode and AC LED Drive Methods and Apparatus
US 10091842	AC Light Emitting Diode and AC LED Drive Methods and Apparatus
US 10271393	Multi-Voltage and Multi-Brightness LED Lighting Devices and Methods of Using Same
US 10334680	LED Lighting System
US 10349479	Color Temperature Controlled and Low THD LED Lighting Devices and Systems and
	Methods of Driving Same

## **Australia Patent Number**

AU 2005216335 AC Light Emitting Diode and AC LED Drive Method and Apparatus

## **China Patent Number**

ZL 200580011640.1 AC Light Emitting Diode and AC LED Drive Method and Apparatus ZL 03804874.4 One Wire Self Referencing Circuits for Providing Power and Data

ZL 201410149586.8 Multi-Voltage and Multi-Brightness LED Lighting Devices and

Methods of using Same

**Hong Kong Patent Number** 

HK 1105508 AC Light Emitting Diode and AC LED Drive Method and Apparatus

**Europe Patent Number** 

EPO 1731003 AC Light Emitting Diode and AC LED Drive Method and Apparatus
Germany 1731003 AC Light Emitting Diode and AC LED Drive Method and Apparatus
France 1731003 AC Light Emitting Diode and AC LED Drive Method and Apparatus
United Kingdom 1731003 AC Light Emitting Diode and AC LED Drive Method and Apparatus

**Mexico Patent Number** 

MX 269561 AC Light Emitting Diode and AC LED Drive Method and Apparatus
MX 298488 AC Light Emitting Diode and AC LED Drive Method and Apparatus

MX 298034 LED Circuits and Assemblies

**Canada Patent Number** 

CA 2557465 AC Light Emitting Diode and AC LED Drive Method and Apparatus

CA 2701780 LED Circuits and Assemblies

**Malaysia Patent Number** 

MY 153548A LED Circuits and Assemblies

Taiwan Patent Number

I521972 Computer Display Work Lighting System Method and Apparatus