

Brilliantz teams up with Lynk Labs Inc to develop AC LED applications

Brilliantz has formed a venture with Lynk Labs Inc. of Illinois USA. Lynk is a ground breaking technology company with extensive patents applying 'ac' power sources to a new type of LED technology – the 'AC LED'. Brilliantz supplies innovative, bright, low cost, energy efficient and maintenance free display, signage and specialist lighting products in the UK and Europe.

Unlike traditional 'dc' driven LEDs, AC LEDs work off an alternating current source. This can be 50hz mains but is more effectively a high frequency low voltage ac source. AC LEDs are more power efficient, reliable and produce less heat than equivalent dc LEDs – Lynk studies suggest 10 - 30% better efficiency based on the system design parameters.



Equally important is the power source – BriteDriver (Lynk Labs AC LED drivers) – BriteDriver has a lower cost per watt than regulated DC supplies and a much higher power rating in a significantly smaller package with no need for fan cooling – even at 250 watts. AC LEDs are parallel connected, making installation a 'plug and play' exercise – unlike the constant current

configurations needed for high power LEDs today.

The first products to market from this collaboration, licensed for distribution in the UK from Lynk Labs and called StackBrite™, are - 'fluorescent tube' replacement lamps – providing more lux (light intensity) per watt than equivalent powered tubes.



The StackBrite™ series system for fluorescent replacement delivers

a "build your own fluorescent" solution according to the length needed and offers an incredibly low profile, low heat and high brightness light engine with the "plug n' play" features of Lynk Labs AC LED technology. StackBrite™-T can be supplied in various colour temperatures from cool (6000 ° K) to warm (2500 ° K) and is finding application in jewellery display, cool food environments and many situations where light intensity and low heat generation are required in a very thin package.

To see more detail on these and other AC LED products go to www.Brilliantz.co.uk/Lynk For information on LynkLabs visit www.lynlabs.com

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