



Why Some LED products are better than others

Most people who have been in the market know that there is a vast difference in price for some products that appear the same. Why is that?

It comes down to the old maxim of “Buyer beware”. Most of us know that low price invariably has a reason behind it and it is not that the vendor wants to lose money. The comparison below helps shed some light on why some products cost more but may offer less VALUE.

LED tubes – do you really get what you pay for? Why are some LED tubes cheaper than others?

Illum-a-Lite prides itself on supplying the Australian market with quality products which provide excellent lighting outcomes and go the distance.

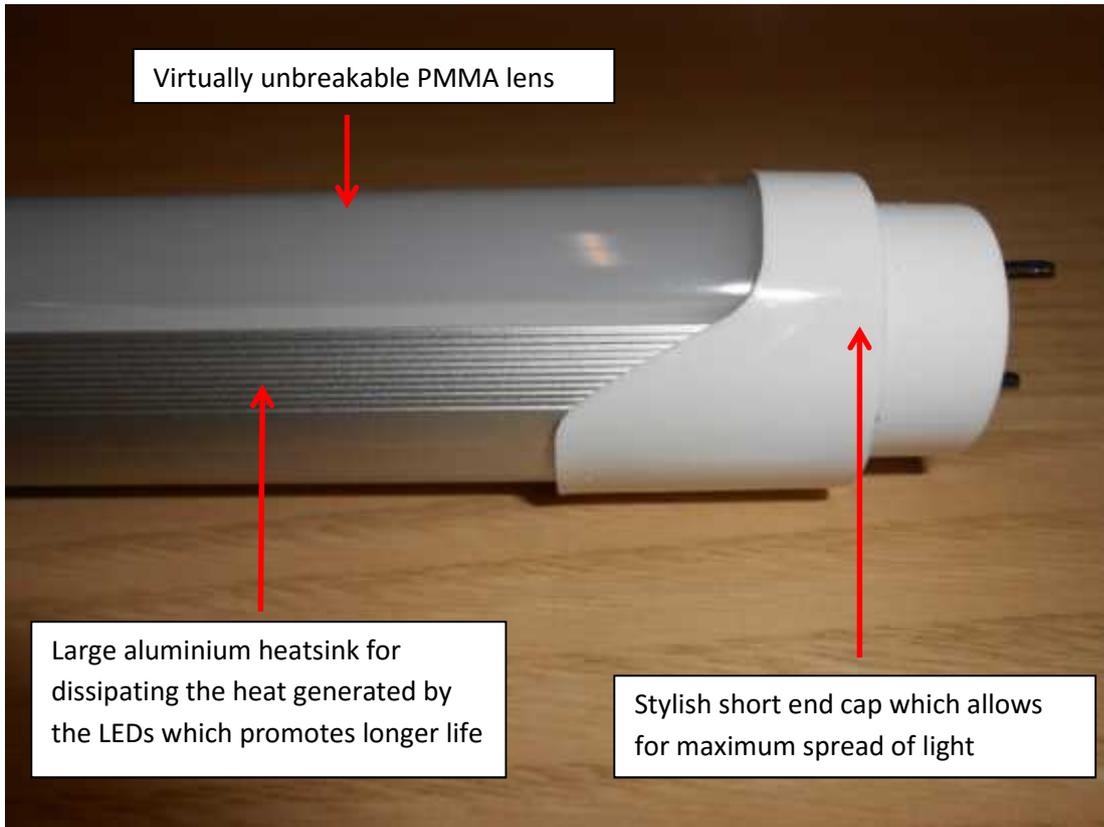
The Australian market is flooded with many different variations of the LED tube. Importers and suppliers are required to comply with the AS/ NZS Australian standards for electrical safety and the Australian Communication and Multimedia Authority (ACMA) requirements for EMC.

Sadly some tubes which enter the market are non-compliant to the point where they are potentially dangerous while others are legal but manufactured to a very low standard to save money.

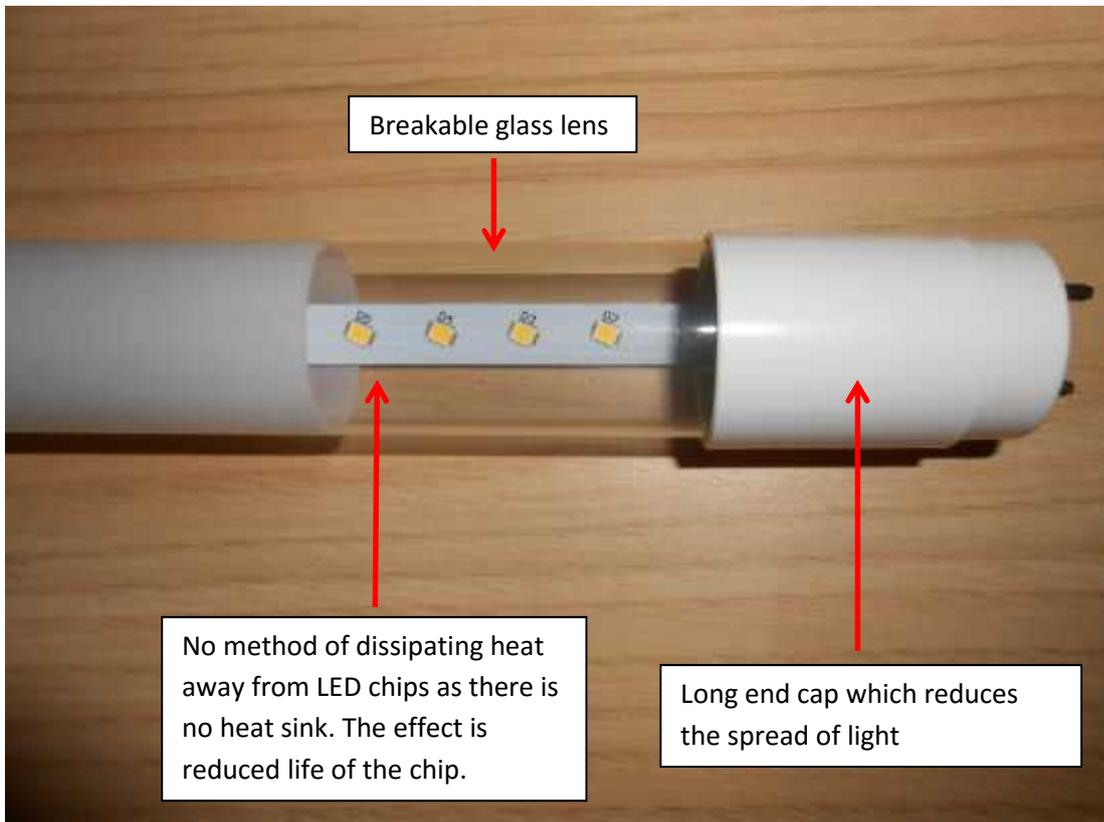
To assist the end user in selecting a quality and compliant LED tube Illum-a-Lite has put together a short pictorial to demonstrate the differences between LED tubes and why some tubes are cheaper than others.



Ilum-a-Lite LED tube

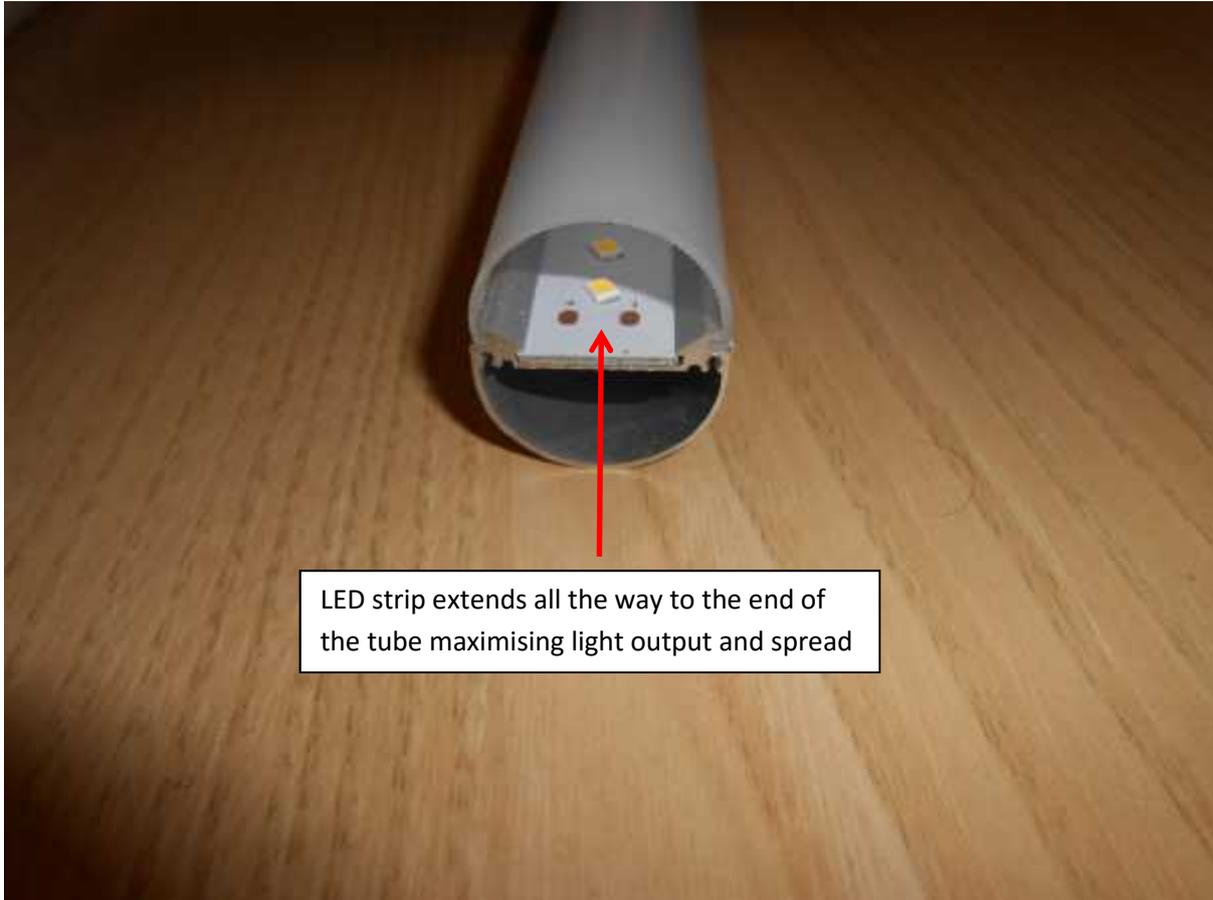


Other LED tube

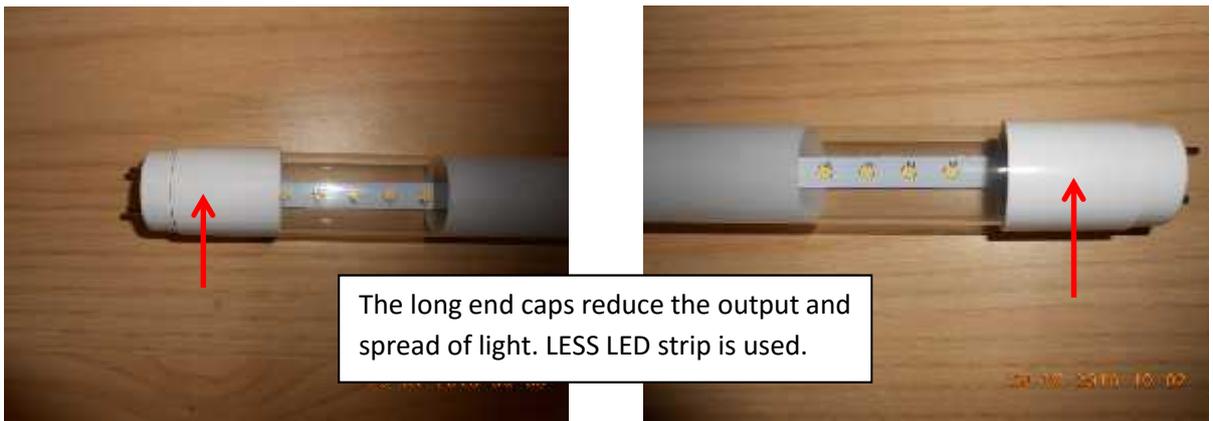




Illum-a-Lite LED tube

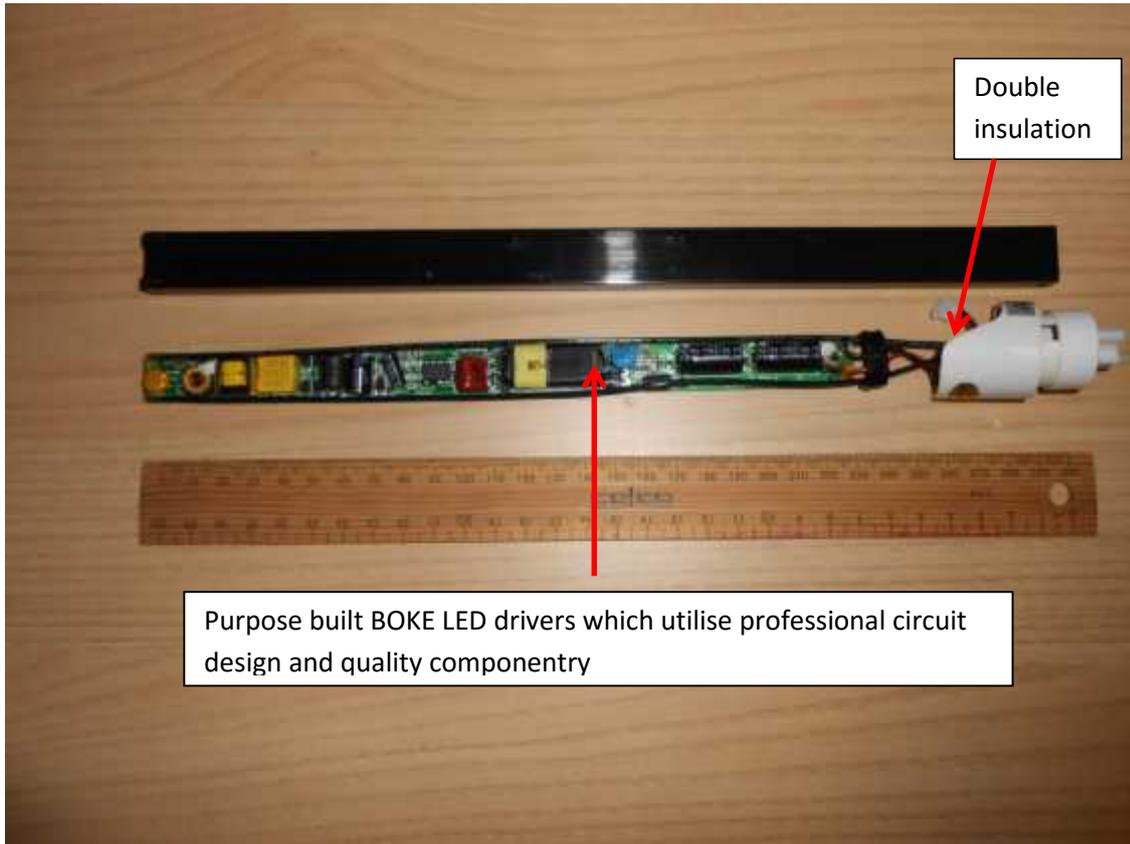


Other LED tube





Ilum-a-Lite LED tube



Double insulation

Purpose built BOKE LED drivers which utilise professional circuit design and quality componentry

Other LED tube



Unknown driver brand, significantly reduced electronics poor quality componentry

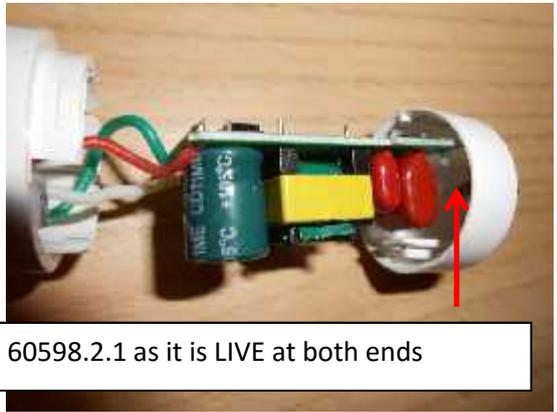


Ilum-a-Lite LED tube



LED tube is 'COMPLIANT' with AS/ NZS 60598.2.1 as it is NOT live at both ends

Other LED tube



LED tube is NON-COMPLIANT with AS/ NZS 60598.2.1 as it is LIVE at both ends