

The Tortech Lighting Difference – is in the chips!

LED Flood lights and High Bay Lamps

Tortech High Bay lights have **greater life expectancy** than other lights because of the **premium LED Chip technology and LED Driver Technology**.

LED CHIP Technology

It is important that the LED Chip is manufactured by an established and reputable company.

At Tortech we source both CREE and EPISTAR Chips, which come from two different factories; both of which **are experts in LED Chip manufacture and assembly** (Packaging).

Both companies have their own **patents for both the processes of manufacturing and packaging of the LED Chips**.

With 27 years of experience in the Electrical Industry, **Tortech Lighting** now offers LED chips that have been manufactured and packaged by these two reputable companies.

Unfortunately some manufacturers in the market place are offering LED Chips purchased from the CREE or EPISTAR factory and then electing to have them assembled in small sub contract factories. Although this process provides cheap assembly, it **compromises the performance and life expectancy of the product substantially** as the workmanship and the technical capabilities are not of the equivalent high standard to that of the original manufacturers.

LED Driver

For the LED Driver in our LED High Bay Lights we use the highest **performance LED driver** available in the market place made by Meanwell, who are internationally recognised and certified as a specialist in LED Driver manufacture.

Meanwell offers a 5 year warranty on all of our LED Drivers. Drivers, from 90watts to 240watts rating, come with the following features:

- Special high efficiency performance
- Power factor correction
- Encased in a metal IP65 enclosure

The LED Driver's final **conversion efficiency can reach up to over 92%**!
(The Tortech LED Light test report shows it up to 92-94%).

At Tortech our Senior Engineers inspect the assembly of the lights at the overseas factory on a regular basis through the year guaranteeing customer satisfaction.

For quality you can trust see **TORTECH LIGHTING**.