



## Fully automatic testing of LED lighting units

Northampton based ATE Solutions is pleased to announce that they have received an order for the supply of a fully automated in-line test system for testing LED light engines from ASD Lighting, based in Rotherham.



ASD manufacture a range of high quality and hard wearing luminaires which are designed and manufactured to meet the exacting demands of facility managers, specifiers, contractors, designers & architects and end users. These units are produced in high volumes and in a wide variety of variants. ATE Solutions were approached to provide an in-line solution to test for both the presence and colour temperature of the LED's.



The solution provided, consists of an in-line handler fitted with a vision system. The camera software is capable of learning the position of all LED's on a new pcb, thereby reducing the time to introduce a new product. In addition to identifying the location of any missing or faulty LED's the tester measures the colour temperature of every pcb. An image is taken of faulty units with the location of any missing LED's identified.

Darrell Clark, Operations Manager at ASD says, "The big advantage of producing and testing our own light engines, is the ability to offer our customers a fast delivery on any product. ATE Solutions have provided us with an easy to use and flexible test system to our exacting requirements".