

## **EPISTAR Corp. qualified LayTec's Pyro 400 for GaN LED production**

LayTec is proud to announce that Epistar Corp. has qualified LayTec's in-situ metrology system Pyro 400 for its GaN LED production. The worldwide leading LED manufacturer based in Taiwan will now use high accuracy GaN surface temperature sensing with Pyro 400.

The head of the Epitaxy Engineering Division at Epistar commented: "We are satisfied with GaN surface temperature measurement provided by Pyro 400. The tool helps us further improve MOCVD controllability and LED production yield."

Mr. Tom Thieme, director marketing & sales at LayTec, commented, "We thank the team at Epistar for working together with LayTec's application engineers so closely. Through collaboration with this important and innovative customer, we have established our UV pyrometry tool in Epistar's daily LED production application. We successfully demonstrated that precise wafer surface temperature control gives room for even further LED yield improvement and cost reduction."

Pyro 400 is LayTec's state-of-the-art metrology system that controls the real GaN surface temperature during epitaxial growth on infrared transparent substrates like sapphire or SiC. The tool applies ultraviolet pyrometry and provides information on the final emission wavelength of the LED already during epitaxial growth. For further information please visit [www.laytec.de/pyro400](http://www.laytec.de/pyro400) or contact [info@laytec.de](mailto:info@laytec.de).

LayTec develops and manufactures integrated in-situ and in-line metrology for thin-film deposition and other high value generating processes. Currently, the company has more than 1600 metrology systems installed worldwide and offers a global customer support and service network including local representations.

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