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## Gen 2 (370 mmx470 mm) sized Graphene anode OLED

By combining advanced CVD graphene growth/transfer processes and display process technologies, we have realized fully functional Gen 2 (370 mm x 470 mm) sized graphene anode OLEDs. Our result signifies the technical feasibility of graphene as a commercially serviceable component in display and, in general, optoelectronic devices. In this talk, we will address process issues, which have hurdled the realization of graphene OLED realization. In particular, we emphasize the importance of patterning graphene into dimensionally correct pixels without deteriorating their quality. Also, we present our integration scheme.

Our result is a departure of graphene from laboratory scale researches and precludes the occurrence of system level commercial products in which graphene are used.

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### References

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### Figures



Figure 1: Gen 2 (370 mmx470 mm) sized Graphene anode OLED