


iMiD 2024

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Exhibitor Introduction	<p>In the last decades or so, the company have supplied hundreds of software copies to multinational automobile, shipbuilding, heavy industries and mobile phone companies through development of casting analysis software.</p> <p>Based on the above accumulated technology in analysis of manufacturing process, LED lens plant was established at Gimhae to develop, mass produce and supply LED lens for various lighting applications especially TIR, street, high-bay, landscape and outdoor through extensive experiences.</p> <p>AnyCasting will not stop here. With the above accumulated technologies about the two manufacturing and software, AnyCasting intends to develop a technology that the fourth industrial revolution technologies, 3D printing equipment and QD-MLA.</p>	
Exhibit Description	Micro Lens Array (MLA), μ -LED transfer elastomer stamp, and Quantum dot bank (QD bank) are manufactured based on micropatterning technology using photolithography processes and replication mold manufacturing technology.	

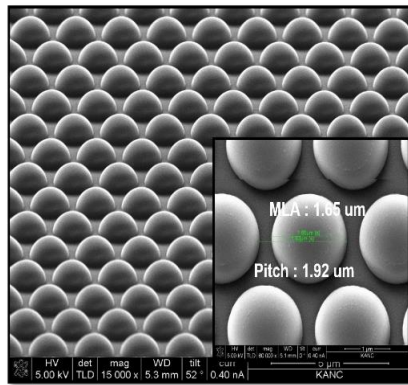
MLA is an innovative technology that can increase light extraction efficiency and can be applicable to all light-emitting devices such as OLEDs and μ -LEDs to minimize light loss.

The μ -LED transfer elastomer stamp can innovatively lower the production cost of the μ -LED display by efficiently transferring the μ -LED chip to the receiver substrate.

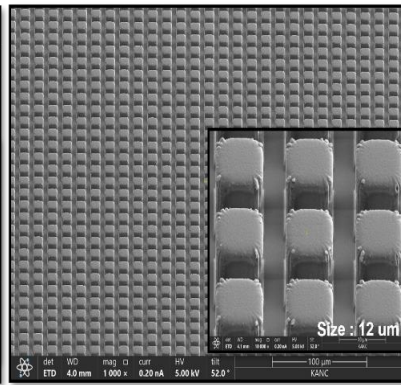
QD banks can achieve a wide color gamut, high color conversion efficiency, and long lifetime through the production of a quantum dot color conversion layer (QDCCL) on a μ -LED display.

- **MLA(Micro Lens Array) and μ -LED transfer elastomer stamp**

Exhibit Product



(a) MLA image



(b) μ -LED transfer elastomer stamp image