

LED Packaging Companies Work on Niche Markets, Horticultural Lighting, Human Centric Lighting and Connected Lighting Being the Focus, Says TrendForce

2019-01-22 [Terri Wang](#)

Mainstream high- and mid-power LED package products in the Chinese market witnessed price declines in December, according to the latest report from [LEDinside](#), a division of [TrendForce](#).

“LED manufacturers have continued to clear their inventories in December due to the weak demand at the year end, which lowered the prices in the general lighting market”, says LEDinside analyst Terri Wang. The average prices of high- and mid-power LED package products slid 2%~4% and 1%~8% respectively.

Faced with the sluggish demand, LED packaging companies continue to explore niche markets, with horticultural lighting, human centric lighting, and connected lighting being the focus. For instance, Lumileds has released the LUXEON SunPlus 2835 LED series for horticultural lighting, with eight color options and customized spectrum available. Samsung has also launched a new product series for horticultural lighting, including full-spectrum packages and modules. Blue light, red light, and infrared LEDs are available, and the products have been mass produced. For the future, Samsung plans to integrate smart sensing or connected solutions to horticultural lighting LED products. Nichia introduces COB, a new human centric lighting product series, which can be used for commercial lighting like retailing stores. The color temperature can change according to the features of products displayed, or according to users' biological clock when used for home lighting.

About TrendForce

TrendForce is a global provider of the latest development, insight, and analysis of the technology industry. Having served businesses for over a decade, the company has built up a strong base membership base of 435,000 subscribers. TrendForce has established a reputation as an organization that offers insightful and accurate analysis of the technology industry through five major research divisions: DRAMXchange, WitsView, LEDinside, EnergyTrend and Topology. Founded in Taipei, Taiwan in 2000, TrendForce has extended its presence in China since 2004 with offices in Shenzhen and Beijing. For more details about TrendForce, please visit www.trendforce.com

Major research divisions:

DRAMeXchange focuses on memory, storage and the consumer electronics industry including PC DRAM, Mobile DRAM, Server DRAM, NAND Flash, SSD and smartphone.

WitsView offers comprehensive coverage of the display industry from upstream components, midstream panels/touch modules to downstream system integrators, brands and channels.

LEDinside covers all aspects of the LED supply chain from upstream equipment/materials, midstream chip/packaging to the downstream backlight and lighting market.

EnergyTrend specializes in green energy research, such as solar energy, lithium battery, energy storage systems and xEVs.

Topology studies structural trends of technology industries in the Greater China Region and beyond, focusing on semiconductors, photovoltaic technology, telecommunications, and IA.

Media Contact

Pinchun Chou +886-2-8978-6488 ext.669 PinchunChou@TrendForce.com

Lindsay Hou +886-2-8978-6488 ext.667 Lindsayhou@TrendForce.com

Source URL: Trendforce - Press Center [LED Packaging Companies Work on Niche Markets. Horticultural Lighting, Human Centric Lighting and Connected Lighting Being the Focus, Says TrendForce](#)