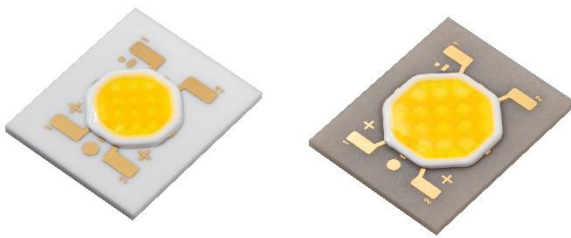


Nichia launches a tunable COB series with highly efficient color mixing

Tokushima, Japan – November 21, 2018 - Nichia Corporation is proud to introduce the color tunable COB (Chip on Board) series, including the NJCWL024Z-V1MT and the NVCWJ024Z-V1MT, two of Nichia's high flux density COB's.

With the goal of enriching people's lives, human-centric lighting has recently grabbed the attention of the lighting industry, including selecting and balancing color temperatures that respond to natural biological rhythms.



The common method to achieve these features on existing tunable light fixtures is to mount multiple LED packages onto one board. This approach provides flexibility in the design. Unfortunately, it also requires complexity and ingenuity to properly mix the color of each LED. Additionally, it was quite difficult to develop color tunable fixtures with narrow beam patterns and harmonized color. Nichia's new color tunable COB series will solve these challenges and enable the lighting market to easily produce color tunable fixtures.

Nichia's color tunable COB series is ideal for many applications, including commercial applications such as retail spot lights and even residential applications such as downlights. Imagine a retail store allowing the light color to be changeable based on their display or objects being lit. Or picture a family changing the color temperature of their home to best suit their natural biological rhythms. The opportunities are endless. Nichia's color tunable COB will expand the market potential for future lighting fixtures and lighting environments.

Nichia will continuously strive to improve the quality of light, "Akari."

To learn more about this breakthrough technology, contact a Nichia sales representative.

