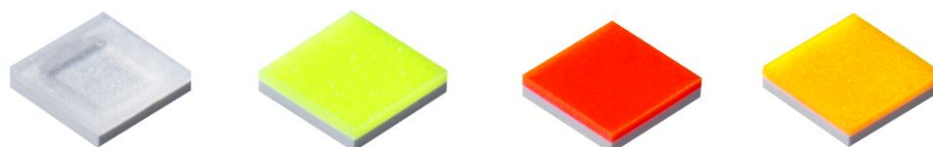


Nichia expands its industry leading Direct Mountable Chip series with the introduction of Single Colors.

Tokushima, Japan – April 25, 2018 - Nichia Corporation is proud to introduce discrete color options in its Direct Mountable Chip series, a similar technology to the industry's Chip Scale Package (CSP). Nichia's Direct Mountable Chip color lineup, consisting of Royal Blue, Green, Amber and Red, along with its previously released white options, enables lighting customers to take advantage of Nichia's unique Direct Mountable Chip technology in a wide range of applications.



With over 50 years of leadership in phosphors and 25 years of leadership in LEDs, Nichia has capitalized on its history to launch an innovative color solution which utilizes Nichia's own phosphor and blue die technology.

This approach brings numerous benefits to fixture manufacturers and designers. By using the same wavelength die in each color, Nichia has harmonized the Forward Voltage across the entire Direct Mountable Chip family, therefore simplifying electrical circuit designs. Additionally, unlike other discrete color technologies, the internal structure of each Direct Mountable Chip color is the same. Therefore, the directivity and height are also the same, thus making optical design much easier to manage. Finally, with the phosphor converted Red Direct Mountable Chip, the thermal droop characteristics are significantly improved from traditional Red AlInGaP LEDs. This allows for much better in-situ performance and overall color and stability.

Nichia's Direct Mountable Chip family was the first lighting CSP-type to incorporate unique technology allowing for a single sided 120° lambertian optical pattern, eliminating cross-talk in lumen dense applications. By developing an innovative color lineup, Nichia's now expanded Direct Mountable Chip portfolio provides flexibility to all lighting applications, including color tuning, architectural lighting and other commercial and residential markets.

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

About NICHIA Corporation

Having “Ever Researching for a Brighter World” as a motto, NICHIA takes great pride in being the technology leader and world’s largest LED Manufacturer. Founded in 1956 as a specialty chemical producer, NICHIA quickly became the leader in luminescent materials (phosphors). Nichia later developed and commercialized the first high brightness Blue LED in 1993 and the first White LED in 1996. Additional Nitride-based LEDs in various colors were developed, including Ultraviolet and Visible laser diodes.

NICHIA believes that its products will remain at the forefront of energy efficient solutions throughout the world for years to come. NICHIA will continue to be a company that makes contributions to the world by evolving its original and unique technologies and “Ever Researching for a Brighter World.”

For more information visit www.NICHIA.com

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