

Diverse installation track-record -

Broadcasters, hospitals, factories, schools, offices, malls, restaurants, etc...

EMC International Standard, CISPR 11-15-22-compliant

CISPR (Comite International Special des Perturbations Radioelectroniques) is a special committee created under the IEC (International Electrotechnical Commission) in 1934 with the object to promote free trade through setting international standards on the testing and tolerance levels of frequency interference and jamming. As effects of noise emitted by LEDs on electronic devices is becoming recognized, PRIMESTAR's CISPR 11 • 15 • 22-compliant "Reach" series can be used safely in factories and hospitals where many sensitive instrumentation are in use.



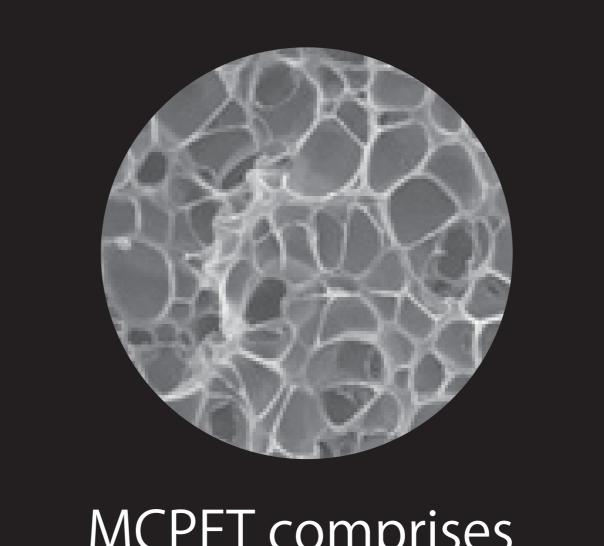
CISPR 11: Testing and tolerance levels of radio interference on industrial, scientific and medical equipment. CISPR 15: Testing and tolerance levels of radio interference on electronic and related lighting equipment. CISPR 22: Testing and tolerance levels of radio interference caused by information technology equipment.

The only LED that minimizes Blue light

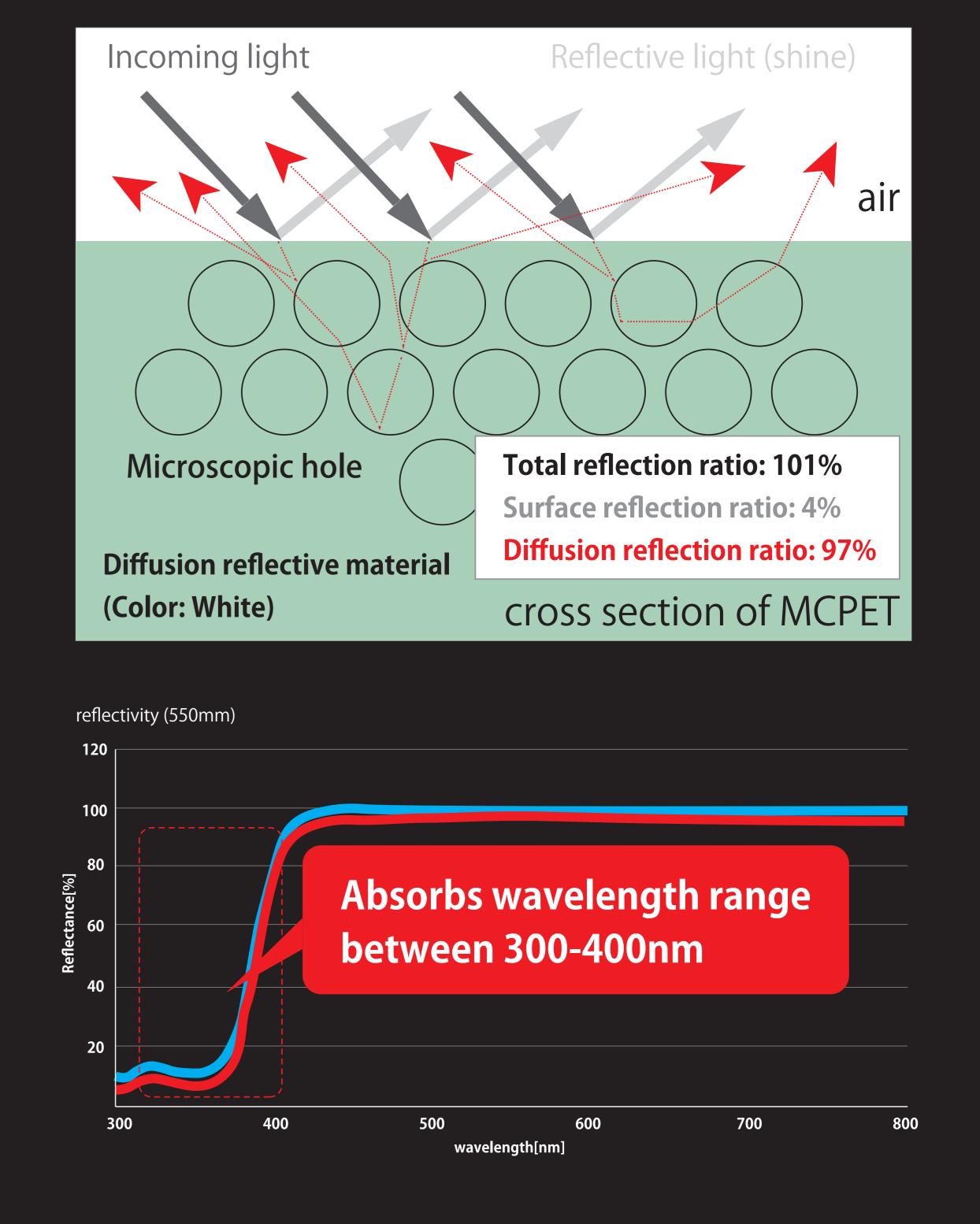
Our solution: special reflective sheet (MCPET) + circuit board structure + polycarbonate cover

Our LED product lineup, "Reach" series, utilizes a special diffused reflection technology to deflect blue light, thereby countering the harsh and excessive brightness typical of most LED light fixtures. As a result, blue light elements are cut by roughly 30% without any tradeoff to energy efficiency.

The reflective sheet used in our "Reach" series is Furukawa Electric's MCPET instead of conventional aluminum. The MCPET comprises a microscopic independent honeycomb structure which, when exposed to light, captures and traps part of the blue light elements rather than reflecting it all back.



MCPET comprises the closed-cell foam element





Impeccable quality control

All our products are barcode-controlled and if and when problems arise all relevant information is traceable, including model spec, production line, lot classification, serial number, date of shipment and staff-in-charge. Core components are 100% made in Japan and 100% inspected. In particular, the power supply, arguably the most critical determinant of final product quality, is on/off tested without exception. We also adhere to a small-lot assembly policy in the interest of minimizing the impact from the very unlikely event of a product recall.