

POREX® LED Reflectors

High-Performance Diffuse Reflectors



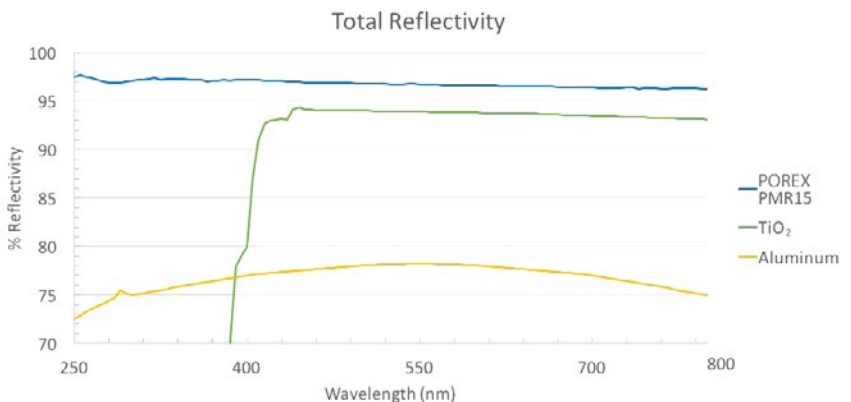
Application Areas

- Ultraviolet LEDs
- Medical therapeutic applications
- High-intensity LEDs
- Architectural
- Light mixing/color mixing
- Outdoor and stadium lighting
- Accent, area and spot lighting
- Others

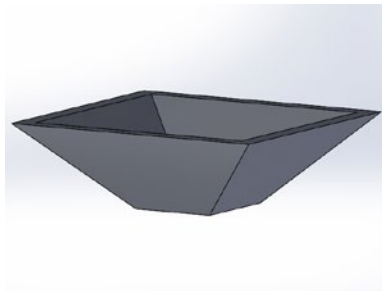
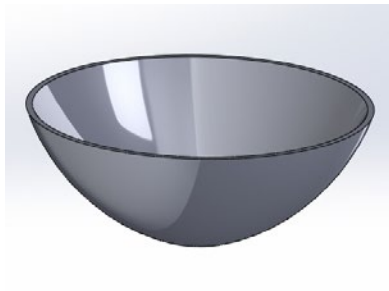
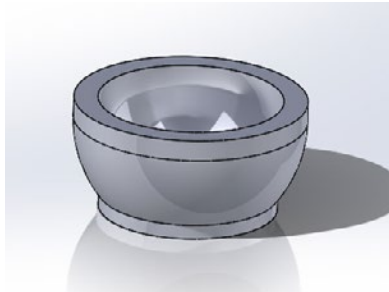
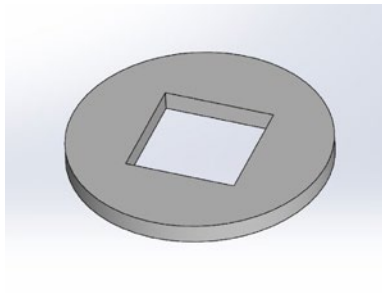
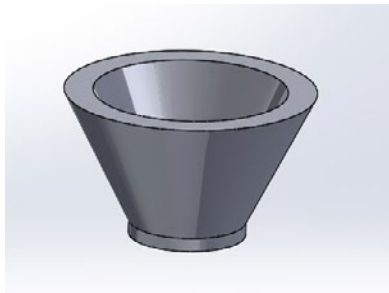
Superior-Performance Reflectors for High-Intensity Leds and Other Specialty Reflectivity Applications

POREX® Virtek™ PTFE molded and sheet reflective materials are an ideal choice for improving lighting performance. Our extraordinarily reflective material captures wasted light and delivers it to the lighting task. When efficacy matters, nothing else compares to the reflective performance of POREX® Virtek's™ PMR series. POREX Virtek™ PTFE reflective materials have:

- Outstanding reflectance — average total reflectance over 97%
- Light mixing — blends RGB colors
- 100% Lambertian reflectance
- High-temperature performance — working temperature up to 260°C
- UL 94 V-0, 5VA and UL 746C f1 approvals



POREX® Typical Reflector Geometry Options



Founded in 1961, POREX® is a pioneer and global leader in the development and manufacturing of sintered porous plastic products. POREX® is widely recognized for its material science expertise and proprietary manufacturing processes. We serve thousands of customers across more than 65 countries via operations in North America, Europe and Asia.

Constant innovation, outstanding technological resources, commitment to quality and dedication to customer service distinguish POREX® as the standard of performance.

Additional Lighting Products



POREX® lighting vents protect lighting enclosures from dust and other liquid contaminants while providing reliable pressure stabilization. POREX® protective vents are used in industrial lighting, commercial outdoor lighting, outdoor decorative lighting and other custom applications. POREX® vents come in adhesive discs and sheets as well as custom 2D and 3D forms.

For more information about Porex Corporation, visit porex.com or email us at electronics@porex.com.



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