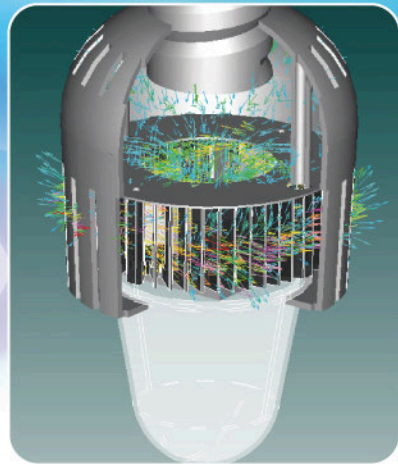


SUNON®

LED Thermal Module

High Cooling Efficiency, Long Life span,
Low Noise and Low Power Consumption,
Self-clean Patented Design



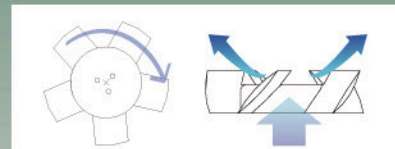
1 Innovation Prevent Hot Air From Flowing Back

The Sunon LED thermal module solution with the added blocking ring in the inlet of the fan can prevent heat reverse flow, reduce the noise, and improve the thermal efficiency as well.

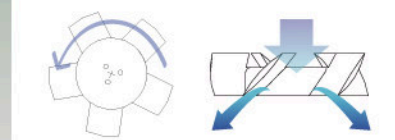
2 Innovation Prevent Dust From depositing

Sunon has developed a unique two-way operation design for fans. Built on a patented loop design, the fan rotates clockwise at the moment it starts up in order to clean the dust from the bulb. This is to avoid any dust - drawn into the fan during rotation - from being blown into the cooling module and light bulb, thereby resulting in lower efficiency. After rotating clockwise for a few seconds, the fan automatically reverses direction and rotates counter-clockwise for cooling. This technology not only increases light bulb cooling efficiency, it also prolongs the LED light bulb's overall service life.

Patent Two-Way Operation Design



Fan rotates clockwise, to clean the dust from the bulb



Fan rotates counter-clockwise, for cooling

3 Innovation Harmonious Sound Quality

In order to provide products that are pleasing to the human ear, Sunon focused on the sound quality improvement of the fan for LED thermal solutions.

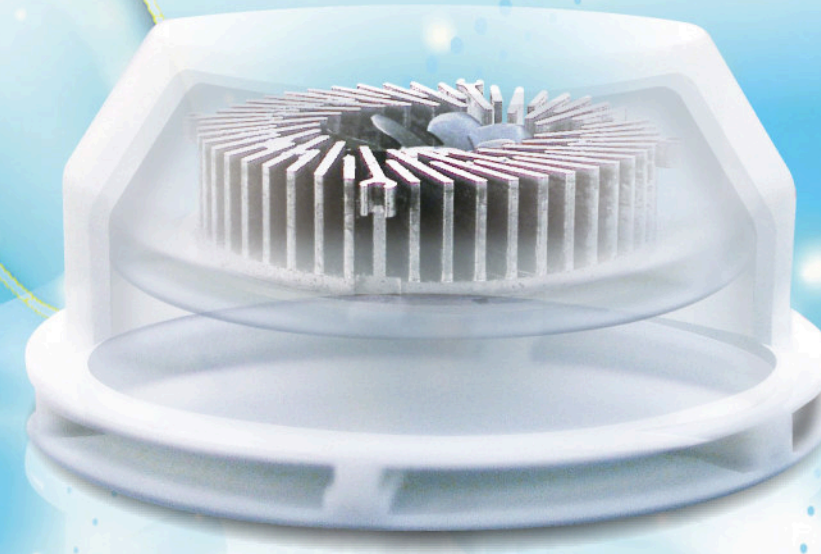
<http://www.sunon.com.tw>

Sunon LED Thermal Module

Three innovative patented designs provide high cooling efficiency, long life span, low noise, and low power consumption!

The Sunon LED cooling module possesses three innovative designs: **Two-way Operation Design** which allows automatic dust removal, **patented Blocking Ring Design** which prevents hot air from flowing back, and **Quiet Cooling Design**. Sunon has developed a cooling module for a 15W LED indoor lighting application as well as a 20W-40W LED downlight application. As a result Sunon provides compact cooling solutions which overcome the high temperature bottleneck of low noise LED lighting design and has made LED indoor lighting more personalized and practical.

LED Downlight



LED Cooling Module



LED MR16



E27/ E26

LED Ball Lamp

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