

## 5000K

5000K LED lighting, characterized by its bright, cool white light, is an ideal choice for commercial settings where clarity and alertness are essential. This color temperature closely resembles natural daylight, making it highly effective in environments that require precise visibility and attention to detail. In showrooms, 5000K LEDs enhance the appearance of products, bringing out true colors and fine details, which can significantly impact customer perception and decision-making. In hospitals and other healthcare facilities, this lighting helps maintain a sterile and professional atmosphere while supporting the focus and concentration needed for critical tasks. The crisp, clear light of 5000K LEDs reduces eye strain and fatigue, creating a more comfortable environment for both employees and visitors. Moreover, the energy efficiency and long lifespan of LED technology make 5000K lighting a sustainable and cost-effective solution for large commercial spaces, ensuring that these environments remain well-lit and conducive to productivity.



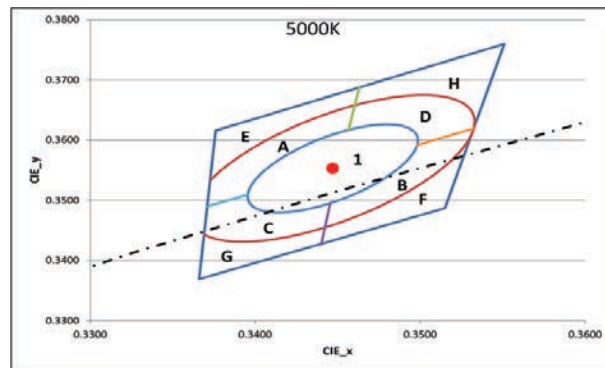
### Features

- Customizable LED non-backing lattice structure consisting of 6, 3, 2 or 1 diode LED boards, allowing for flexible dimensions
- Optics designed with a 160° beam angle and a 3" or 4" diffusion depth
- Completely customizable size, adaptable to any length or width
- Features forward-facing diodes for direct color lux and uniform light distribution
- Lightweight design facilitates convenient shipment and installation

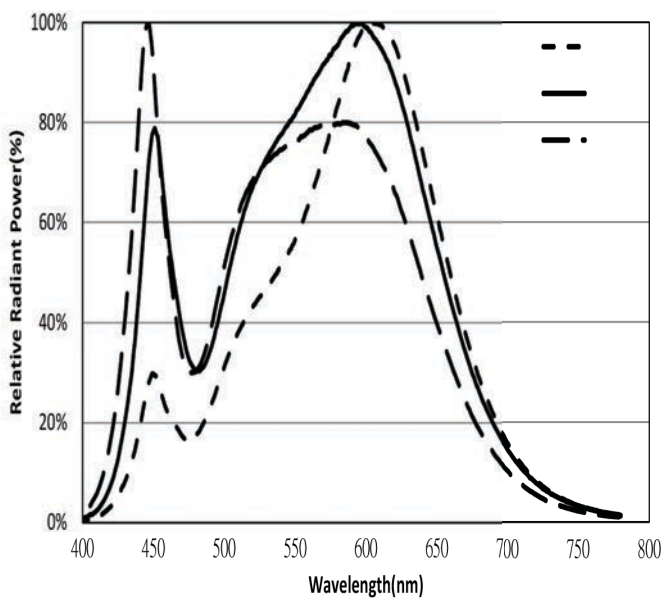
# Specifications

Color	Cool White			
CCT	5000K			
View Angle (°)	160°			
Product width (# of LEDs)	80mm(1)	160mm(2)	240mm(3)	480mm(6)
Luminous Flux (lm)	120	240	360	720
CRI (Color Rendering Index)	>90			
Light Efficiency (lm/W)	133			
Voltage	24V DC			
Current (mA)	50	100	150	300
Operating Temperature (°C)	-25 / +60			
Ingress Protection	IP60 - IP68			

Chromaticity Diagram @5000K



Typical Color Spectrum



Typical Polar Radiation Pattern at 50mA, Tsp=25°C

