

# Lumosanti™ Dual White (WW)

## Dual White (WW) LED System: Elevate Ambiance and Functionality

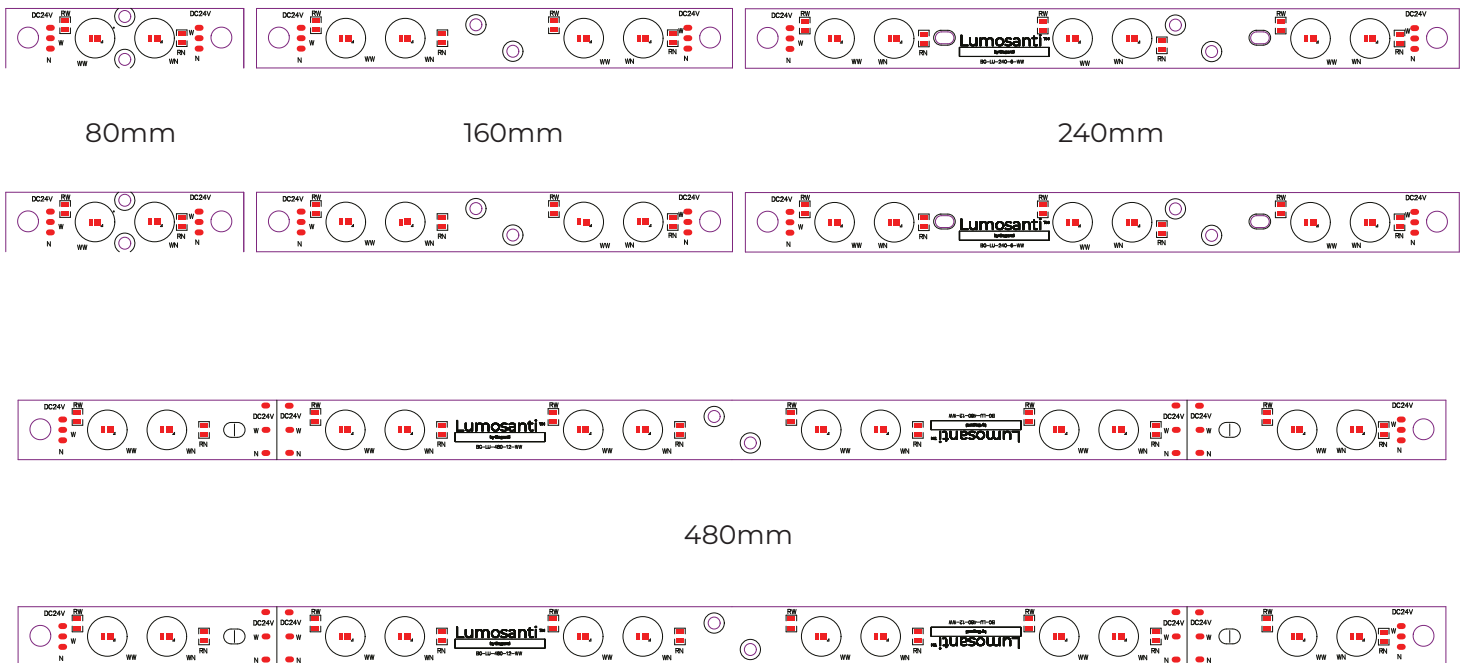
Our **Dual White LED system** seamlessly integrates **2700K** and **5700K** chips, offering architects and lighting designers unprecedented flexibility in creating dynamic lighting environments.

**2700K Warm White:** Emitting a soft, amber glow, this warm tone is ideal for crafting intimate, inviting atmospheres—perfect for hospitality, residential, or relaxation spaces where comfort and warmth are paramount.

**5700K Cool White:** Delivering a crisp, daylight-inspired brightness, this cooler tone ensures clarity and focus, making it ideal for task-oriented areas such as workspaces, healthcare facilities, or art displays.

The system's adaptability allows for seamless transitions and custom blending of these two color temperatures, empowering designers to curate lighting solutions that respond to mood, time of day, or specific functional requirements. Whether it's **enhancing guest experiences** in hospitality, supporting **circadian rhythms** in healthcare, or highlighting architectural details, the Dual White system combines aesthetics with performance.

With its ability to balance ambiance and utility, the **Dual White LED system** becomes an essential tool for designers looking to redefine spatial perception through light.



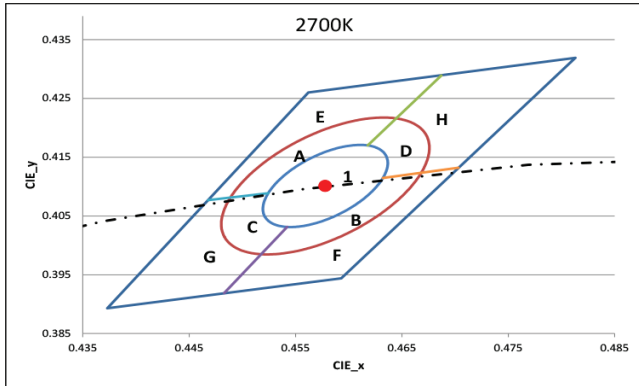
# Specifications

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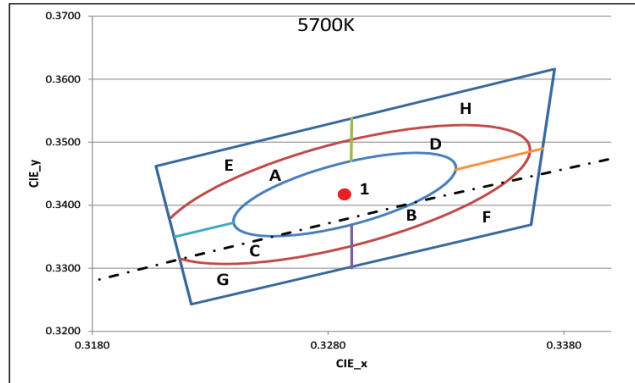
Input Voltage	24V DC
Power Consumption per LED board	80mm = 2.4W   160mm = 4.8W 240mm = 7.2W   480mm = 14.4W
Certifications	cULus Listed, CE Compliant RoHs Compliant, Pb-Free
Color Temperatures	From 2700K to 5700K
CRI	>90
Lumen / PC	80 mm = 192.86  160 mm = 385.73  240 mm = 578.59  480 mm = 1157.18
Operating Temperatures	-40°C to +105°C
Environment	IP60 - IP80
Lumen / Watt	80.36
Lifespan	50,000+ Hours
Warranty	5 years
View Angle	160°
Power Supplies	HLG-100H / HLG-120H HLG-240H / HLG-320H

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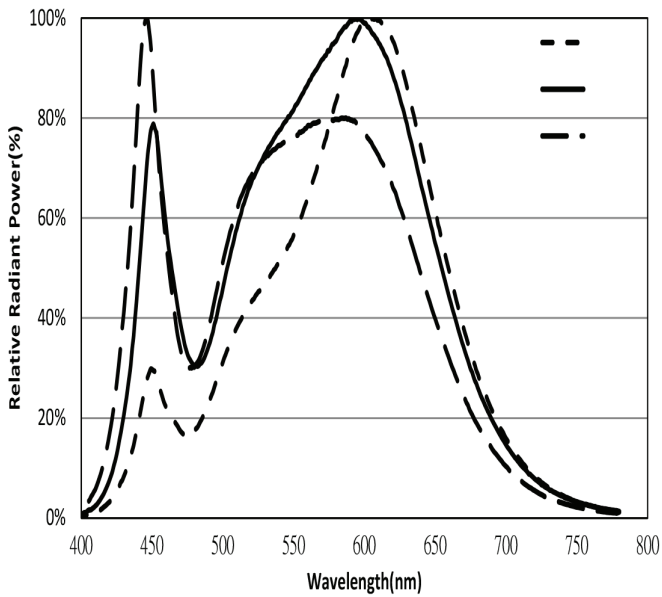
Chromaticity Diagram @2700K



Chromaticity Diagram @5700K



Typical Color Spectrum



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

