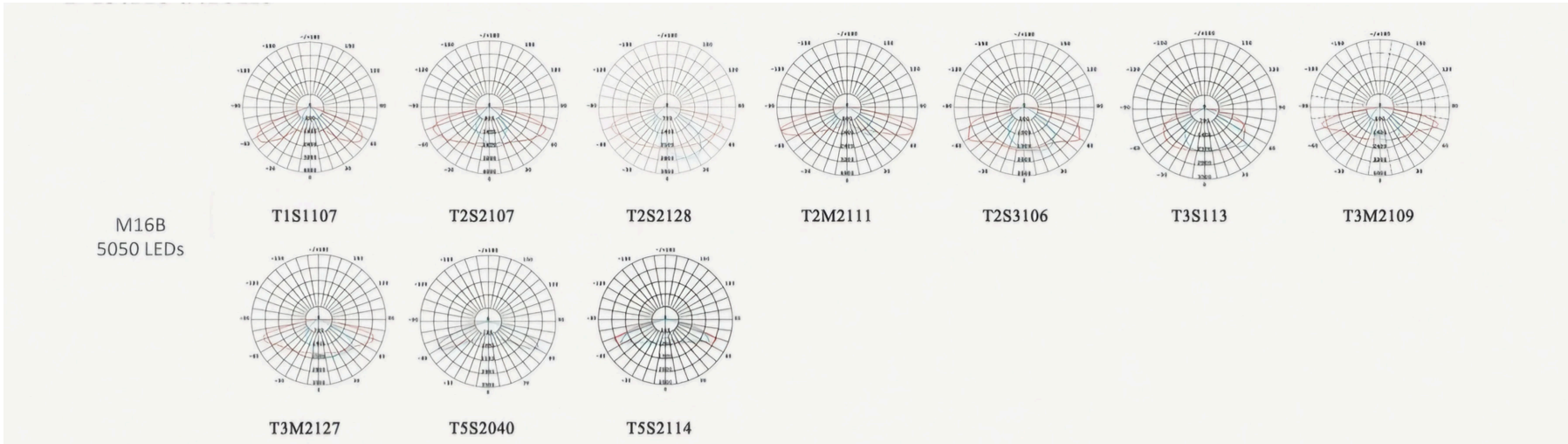


ROSEMONDE



Product Features

- 1. **Wide Input Voltage Range:** Operates on 100-240Vac, ensuring compatibility with various power systems.
- 2. **Stable Power Factor:** High Power Factor (PF) of 0.95 for efficient energy consumption.
- 3. **Surge Protection:** Equipped with 10kV line-earth surge protection for enhanced safety.
- 4. **Wide Operating Temperature:** Performs reliably in extreme environments from -40°C to +50°C.
- 5. **Adjustable Humidity Tolerance:** Operates effectively in environments with 10% to 90% relative humidity.
- 6. **Customizable Color Temperature (CCT):** Available in 3000K, 4000K, 5000K, and 5700K options to suit different lighting needs.
- 7. **High Color Rendering Index (CRI):** CRI of ≥ 70 for clear, natural lighting output.
- 8. **Durable Housing Material:** Made of die-cast aluminum for excellent durability and heat dissipation.
- 9. **IP68 LED Light Engine:** Provides superior protection against water and dust ingress for the LED components.
- 10. **IP67 Luminaire:** Ensures the entire light fixture is protected against harsh weather conditions.
- 11. **Ergonomic Lighting Distribution:** Offers dedicated lighting distributions optimized for roadway applications.
- 12. **Thermal Management:** Whole-structure heat dissipation design improves thermal conduction and radiation.
- 13. **Long Warranty Period:** Backed by a 5-year limited warranty for reliability and peace of mind.
- 14. **Multiple Color Options:** Available in gray, black, white, and blue finishes to match various aesthetics.

Applications

- **Roadway Lighting:** Ideal for urban roads, residential areas, and overpasses.
- **Public Area Lighting:** Suitable for theme parks, squares, and parking lots.

Product & Power Options

Model	T1B-1	T1B-2
Power Options (W)	40, 50, 60	80, 90, 100
LED Types and Efficacy (lm/W)	5050 LEDs (28 pcs): 168-155 lm/W 5050 LEDs (18 pcs): 152-133 lm/W 3535 LEDs (18 pcs): 130-117 lm/W 3030 LEDs (63 pcs): 135-122 lm/W	5050 LEDs (28 pcs): 175-163 lm/W 5050 LEDs (18 pcs): 160-140 lm/W 3535 LEDs (18 pcs): 137-122 lm/W 3030 LEDs (63 pcs): 140-127 lm/W
Lumens Range (lm)	5,200- 9,300	10,960- 19,560

Product Size & Specifications

