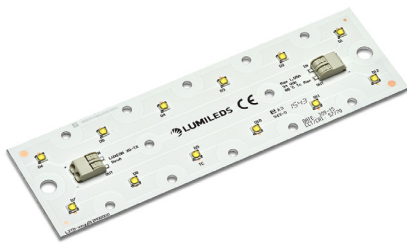




LUXEON XR-TX

High performance LED modules with extreme efficacy for robust lighting designs



LUXEON XR-TX products are LED modules optimized for lighting applications requiring high efficacy LED arrays mounted on a rigid and thermally conductive substrate. These versatile building blocks feature 12 LUXEON TX LEDs on a MCPCB substrate, electrical connectors, and are designed for ease of system integration, faster time to market, and use with industry standard optics. LUXEON XR-TX will become a complete IP66 solution when used in combination with standard third party optics and heat sink.

FEATURES AND BENEFITS

Typical 3300 lumens with 140 lm/W efficacy at 700mA and 85°C board temperature

A range of CCT options available in 70CRI (4000K–5700K)

150mm length x 45mm width footprint designed for use with standard third party optics

Features industry's highest efficacy single die emitter—LUXEON TX

Uses Lumileds proprietary pick and place system, targeting specific LED data points to support the best light output uniformity, V_f and color control

One-stop shop for simplified supply chain and faster time to market

5 year limited warranty

PRIMARY APPLICATIONS

Architectural

High Bay & Low Bay

Outdoor

– Streetlights

– Tunnel

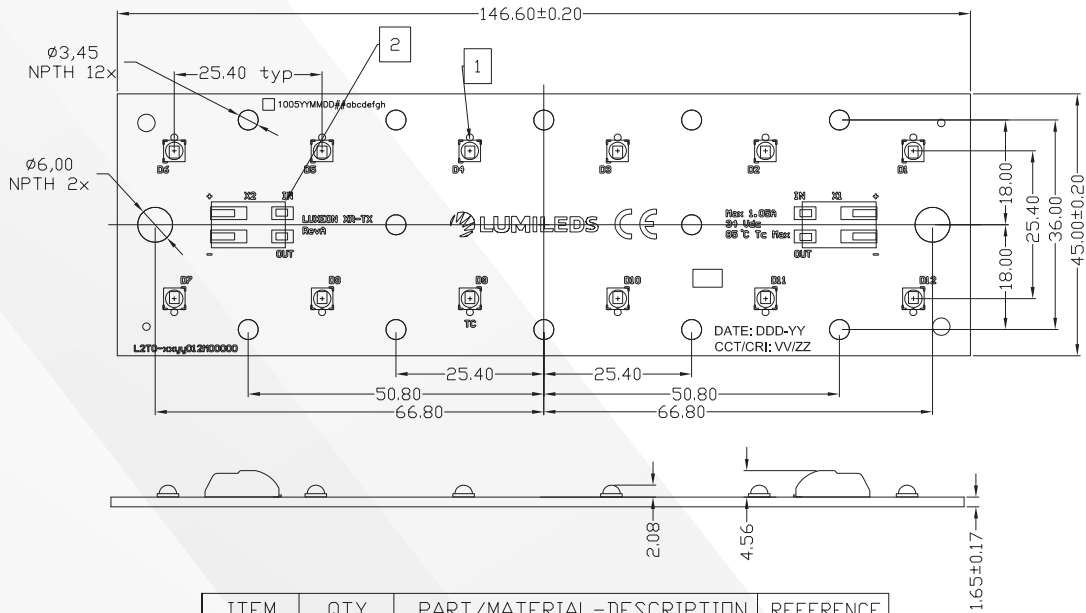
LUXEON XR-TX product performance at 700mA, T_c = 85°C.

CONFIGURATION	NOMINAL CCT	MINIMUM CRI ⁽¹⁾	LUMINOUS FLUX ⁽¹⁾ (lm)		TYPICAL LUMINOUS EFFICACY (lm/W)	PART NUMBER
			MINIMUM	TYPICAL		
12-up (12 series LEDs)	4000K	70	3186	3221	140	L2T0-4070012M00000
	5000K	70	3202	3260	140	L2T0-5070012M00000
	5700K	70	3200	3257	140	L2T0-5770012M00000

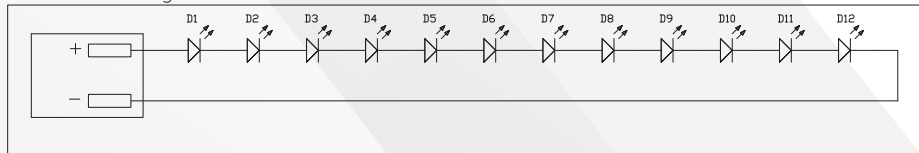
Notes:

1. Lumileds maintains a tolerance of ±2 on CRI and ±7.5% on luminous flux measurements.

Mechanical Dimensions.



Circuit Diagram



Notes:

1. Drawings are not scale.
2. All dimensions are in millimeters.