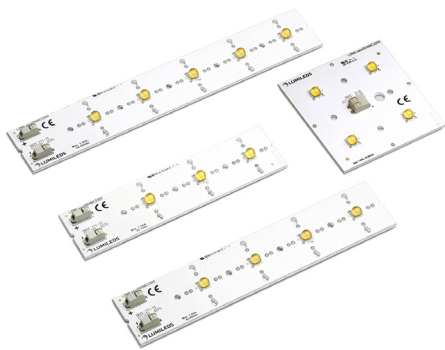




LUXEON XR-M

Bright, uniform light source in practical, convenient and easy to configure modules



LUXEON XR-M products are LED modules optimized for lighting applications requiring high power LED arrays mounted on a rigid and thermally conductive substrate. These versatile building blocks come with 3, 4 or 5 LUXEON M LEDs on a MCPCB substrate and are designed for ease of system integration, faster time to market, and use with industry standard optics. The 4 LED square version will become a complete IP66 solution when used in combination with standard third party optics and heat sink.

FEATURES AND BENEFITS

Typical 3200–5300 lumen building blocks with 140 lm/W efficacy @700mA, $T_c=85^\circ\text{C}$

Available in 70CRI 4000K, 5000K and 5700K

May be used with off-the-shelf individual lenses and lens plates for easy system integration

Constant board-to-board LED pitch for versatile system design

3, 4 and 5 LED linear board options and 4 LED square board option for design flexibility and luminaire adaptability

MCPCB for efficient heat dissipation and mechanical robustness

5 year limited warranty

PRIMARY APPLICATIONS

Architectural

High Bay & Low Bay

Outdoor

– Streetlights

– Stadium

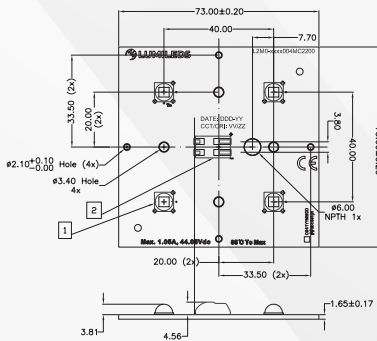
LUXEON XR-M product performance at 700mA, T_c=85°C.

CONFIGURATION	NOMINAL CCT	MINIMUM CRI ^[1]	LUMINOUS FLUX ^[2] (lm)		TYPICAL LUMINOUS EFFICACY (lm/W)	PART NUMBER
			MINIMUM	TYPICAL		
Square	4000K	70	4053	4211	138	L2M0-4070004MC2200
	5000K	70	4200	4363	144	L2M0-5070004MC2200
	5700K	70	4156	4318	142	L2M0-5770004MC2200
Linear	4000K	70	3040	3158	138	L2M0-4070003MC3300
	5000K	70	3150	3272	144	L2M0-5070003MC3300
	5700K	70	3117	3239	142	L2M0-5770003MC3300
	4000K	70	4053	4211	138	L2M0-4070004MC3300
	5000K	70	4200	4363	144	L2M0-5070004MC3300
	5700K	70	4156	4318	142	L2M0-5770004MC3300
	4000K	70	5067	5264	138	L2M0-4070005MC3300
	5000K	70	5249	5454	144	L2M0-5070005MC3300
	5700K	70	5195	5397	142	L2M0-5770005MC3300

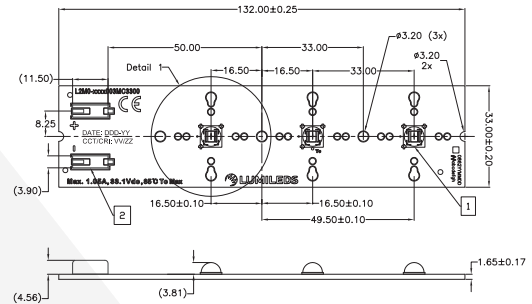
Notes:

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

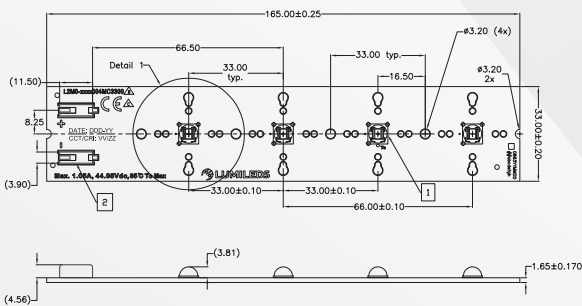
Mechanical dimensions for L2M0-xxxx004MC2200.



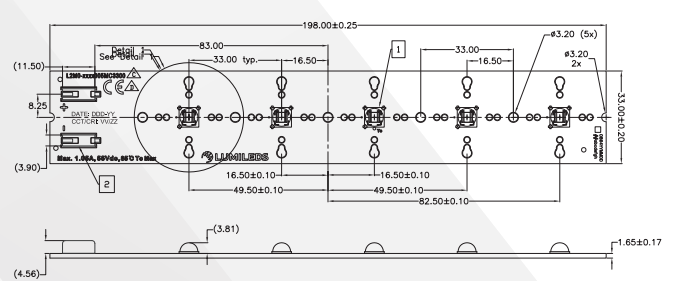
Mechanical dimensions for L2M0-xxxx003MC3300.



Mechanical dimensions for L2M0-xxxx004MC3300.



Mechanical dimensions for L2M0-xxxx005MC3300.



Notes:

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

©2015 Lumileds Holding B.V. All rights reserved.
LUXEON is a registered trademark of the Lumileds Holding B.V. in the United States and other countries.

lumileds.com

Lumileds Holding B.V. shall not be liable for any kind of loss of data or any other damages, direct, indirect or consequential, resulting from the use of the provided information and data. Although Lumileds Holding B.V. has attempted to provide the most accurate information and data, the materials and services information and data are provided "as is" and Lumileds Holding B.V. neither warranties, nor guarantees the contents and correctness of the provided information and data. Lumileds Holding B.V. reserves the right to make changes without notice. You as user agree to this disclaimer and user agreement with the download or use of the provided materials, information and data.