

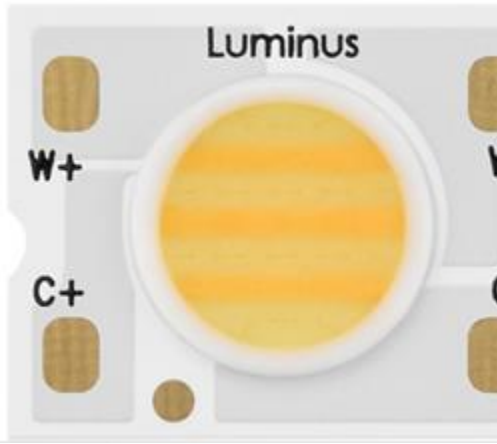
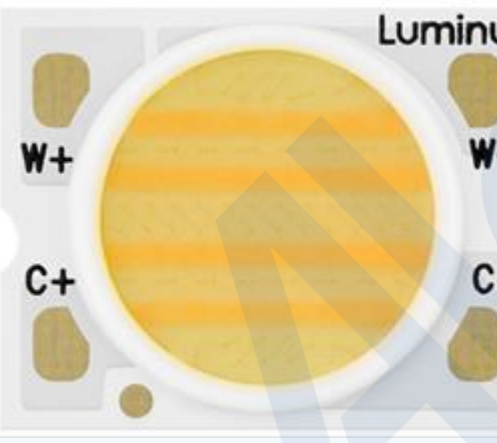
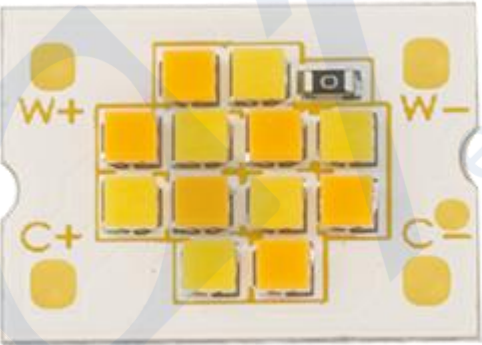
CCT TUNABLE MODULES

Luminus CCT Tunable Modules offer a choice of 9, 14, 18, and 22mm LES options, all with two independent channels (warm and cool) to deliver CCTs ranging from 6500K to 2700K or from 4000K to 1800K. This wide range of options provides luminaire makers with flexibility in designing human centric lighting applications with independent CCT and dimming control. With the Luminus Cube MP-1616 as the building block in these UL listed modules, customers have the lumen maintenance confidence of 9000 hour LM-80 data at 250mA per LED with L90>36k hours to enable DLC premium.

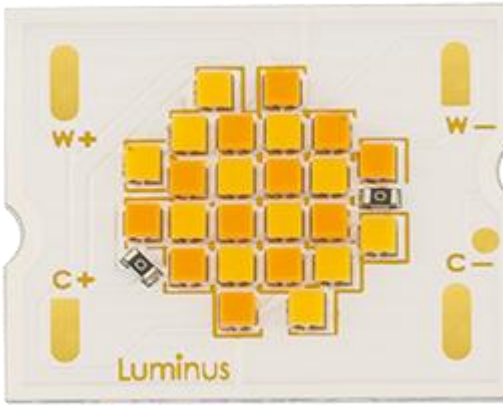
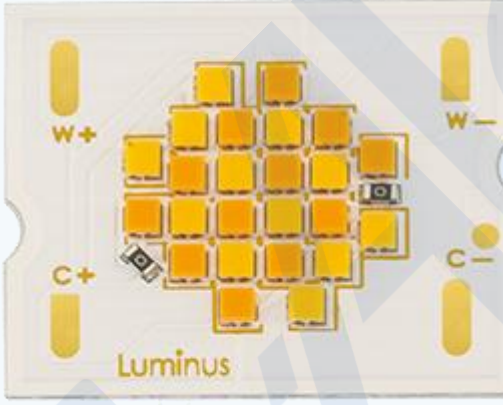
FEATURES

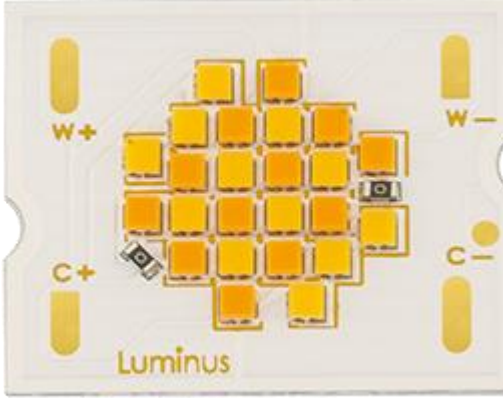
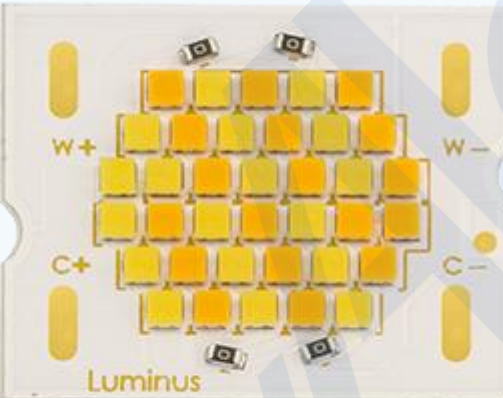
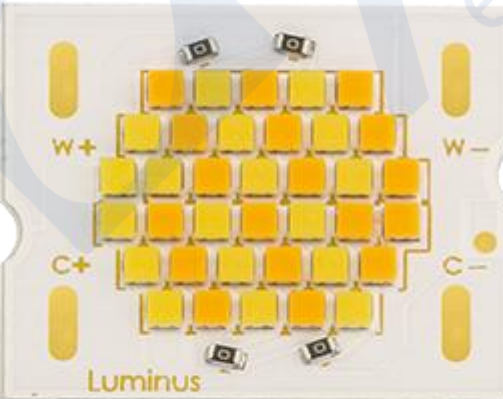
- Two channel cool and warm 90+ CRI MP-1616 XNOVA Cube LEDs on metal PC board
- 95 CRI typical with both channels powered on
- High lumen density for directional lighting
- Enables system beam angles from 10 to 40 degrees
- 4000 K to 1800 K CCT range for residential and hospitality lighting
- 6500 K to 2700 K CCT range for commercial lighting
- Robust design with LM-80 tested MP-1616 series LEDs
- Consistent white light <3 SDCM
- Specified “hot” performance and 100% factory tested at $T_j = 85^{\circ}\text{C}$

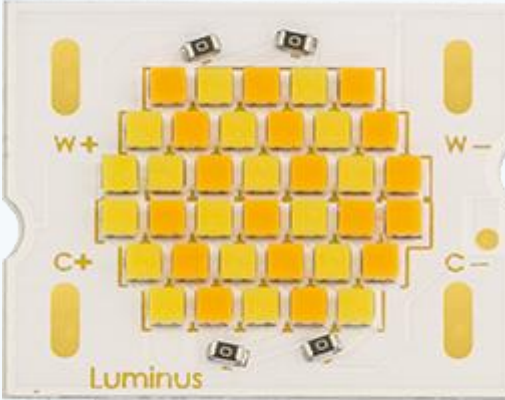
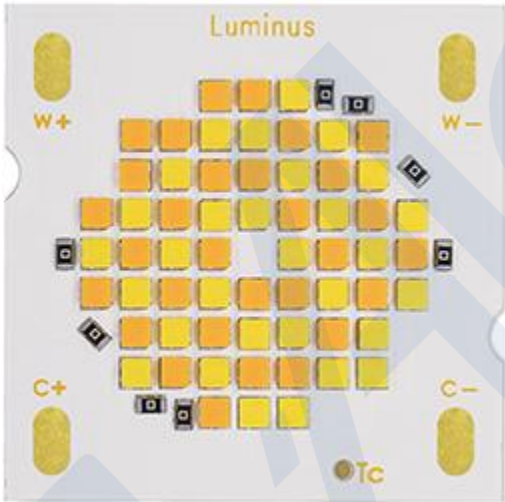
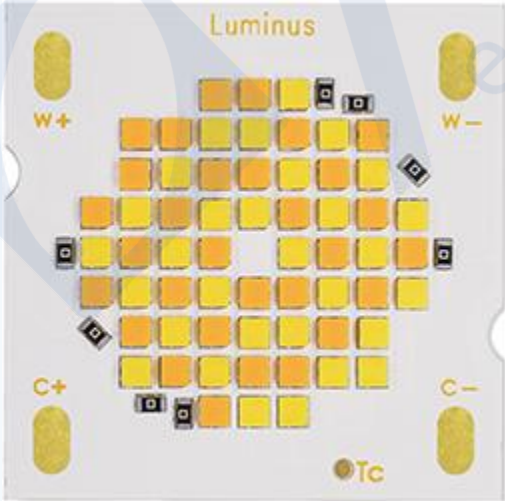
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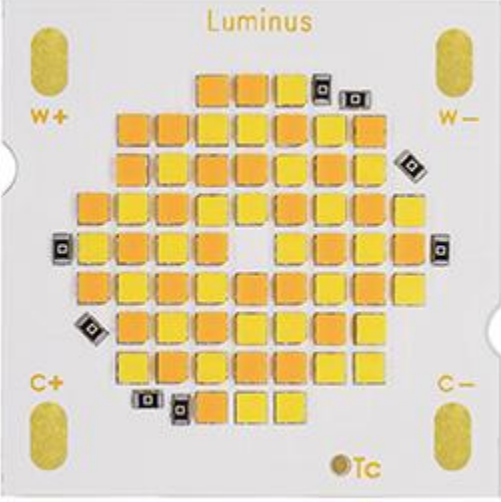
Product Image	Part Number	CRI (min)	Nom. Watts per Channel	CCT of Cool White	Nominal Lumen @ Tj=85 °C	CCT of Warm White	Nominal Lumen @ Tj=85 °C	Links
	New CTM-6-6527-90-36-TWD6-F3-3	90	5 W	6500 K	630 lm	2700 K	550 lm	Ecosystem Documents
	New CTM-9-6527-90-36-TWD6-F3-3	90	8 W	6500 K	1065 lm	2700 K	930 lm	Ecosystem Documents
	CTM-9-5022-90-36-TW01	90	7 W	5000 K Salud	675 lm	2200 K	590 lm	Ecosystem Documents

Product Image	Part Number	CRI (min)	Nom. Watts per Channel	CCT of Cool White	Nominal Lume ns @ Tj=85 °C	CCT of Warm White	Nominal Lume ns @ Tj=85 °C	Links
	CTM-9-4018-90-36-TW01	90	7 W	4000 K	685 lm	1800 K	405 lm	Ecosystem Documents
	CTM-9-6527-90-36-TW01	90	7 W	6500 K	710 lm	2700 K	615 lm	Ecosystem Documents
	New CTM-14-6527-90-36-TWD6-F3-3	90	24 W	6500 K	3080 lm	2700 K	2700 lm	Ecosystem Documents

Product Image	Part Number	CRI (min)	Nom. Watts per Channel	CCT of Cool White	Nominal Lumen @ Tj=85 °C	CCT of Warm White	Nominal Lumen @ Tj=85 °C	Links
 <p>CTM-14-5022-90-36-TW01</p>	CTM-14-5022-90-36-TW01	90	15 W	5000 K Salud	1350 lm	2200 K	1180 lm	Ecosystem Documents
 <p>CTM-14-4018-90-36-TW01</p>	CTM-14-4018-90-36-TW01	90	15 W	4000 K	1370 lm	1800 K	825 lm	Ecosystem Documents

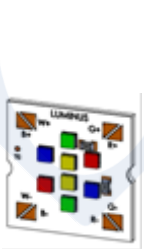
Product Image	Part Number	CRI (min)	Nom. Watts per Channel	CCT of Cool White	Nominal Lume ns @ Tj=85 °C	CCT of Warm White	Nominal Lume ns @ Tj=85 °C	Links
 <p>CTM-14-6527-90-36-TW01</p>	CTM-14-6527-90-36-TW01	90	15 W	6500 K	1420 lm	2700 K	1255 lm	Ecosystem Documents
 <p>CTM-18-5022-90-36-TW01</p>	CTM-18-5022-90-36-TW01	90	20 W	5000 K Salud	1930 lm	2200 K	1685 lm	Ecosystem Documents
 <p>CTM-18-4018-90-36-TW01</p>	CTM-18-4018-90-36-TW01	90	20 W	4000 K	1950 lm	1800 K	1180 lm	Ecosystem Documents

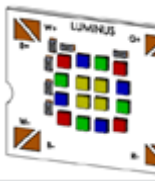
Product Image	Part Number	CRI (min)	Nom. Watts per Channel	CCT of Cool White	Nominal Lumen @ Tj=85 °C	CCT of Warm White	Nominal Lumen @ Tj=85 °C	Links
 <p>CTM-18-6527-90-36-TW01</p>	90	20 W	6500 K	2000 lm	2700 K	1785 lm	Ecosystem Documents	
 <p>CTM-22-4018-90-36-TW01</p>	90	32 W	4000 K	3100 lm	1800 K	1875 lm	Ecosystem Documents	
 <p>CTM-22-6527-90-36-TW01</p>	90	32 W	6500 K	3160 lm	2700 K	2840 lm	Ecosystem Documents	

Product Image	Part Number	CRI (min)	Nom. Watts per Channel	CCT of Cool White	Nominal Lumen @ Tj=85 °C	CCT of Warm White	Nominal Lumen @ Tj=85 °C	Links
	CTM-22-5022-90-36-TW01	90	32 W	5000 K Salud	3060 lm	2200 K	2675 lm	Ecosystem Documents
<u>Discontinued CCT tunable products</u>								

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[Download Luminus Tunable RGBW Modules Datasheet](#)

Product image	Part number	LES diameter	Nominal watts per channel @200 mA	Nominal voltage per channel @200 mA	White (2700K, 90CRI) typical flux @200 mA, 85°C	Blue (458nm dominant) typical flux @ 200mA, 85°C	Red (625nm dominant) typical flux @ 200mA, 85°C	Green (530nm dominant) @200mA, 85°C	Documents
	CTM-9-RGBW-12-TW01	9.5 mm	2 W	12 V	219	58	47	325	Datasheet

Product image	Part number	LES diameter	Nominal watts per channel @200 mA	Nominal voltage per channel @200 mA	White (2700K, 90CRI) typical flux @200 mA, 85°C	Blue (458nm dominant) typical flux @ 200mA, 85°C	Red (625nm dominant) typical flux @ 200mA, 85°C	Green (530nm dominant) @200mA, 85°C	Documents
	CTM-14- RGBW- 24- TW01	14 mm	4 W	24 V	438	115	94	650	Ecosystem Datasheet