

LUMINUS

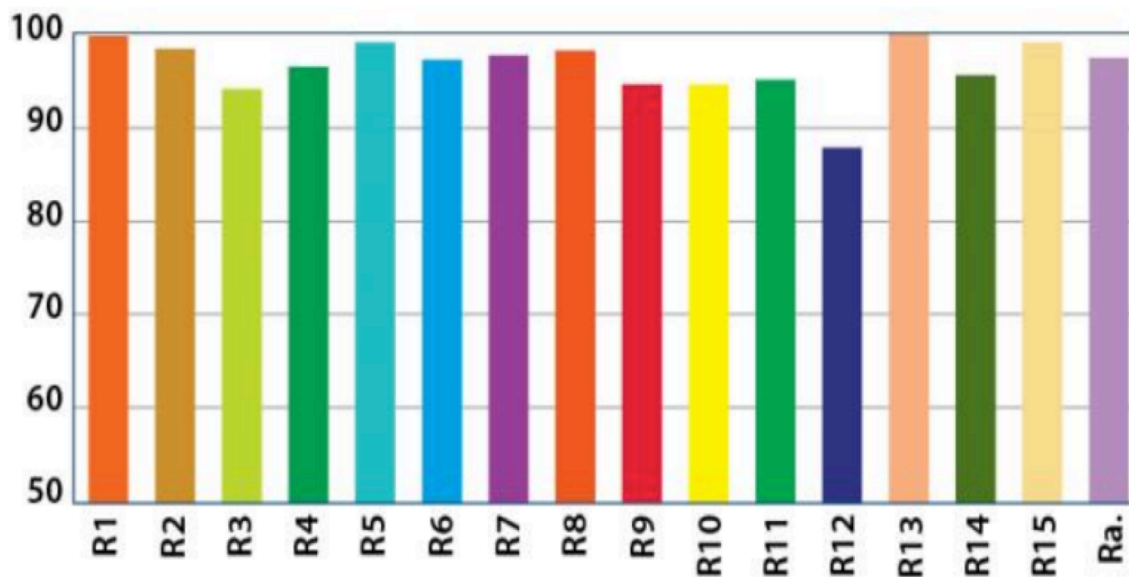
AccuWhite™

MUSEUMS • HOSPITALITY • RETAIL • RETROFIT

AccuWhite technology from Luminus Devices delivers high efficiency, ultra-high color rendering in a range of COB configurations. AccuWhite uses high performance LED die, proprietary phosphor combinations, and process controls to produce COBs with typical CRI of 97 at 2700K, 3000K, 3500K, 4000K, and 5000K. These specifier grade COBs have been developed for applications that require true color fidelity and fixture-to-fixture consistency for applications such as high end retail lighting and museum lighting.

FEATURES & BENEFITS

- LES sizes ranging from 6.3 mm to 32 mm
- Lumen range from <300 lm to over 30,000 lm
- 2700K to 5000K nominal CCT
- Min 95 CRI and typical 97-98 CRI
- Specified and 100% factory tested at $T_j=85^{\circ}\text{C}$
- 3 SDCM standard, 2SDCM available
- Targeted on the black body locus for true color representation
- Fully qualified LM-80 test data and TM21 lifetime results.
- Ideal replacement for halogen lamps

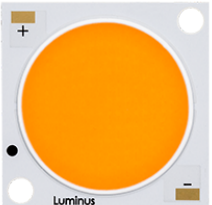
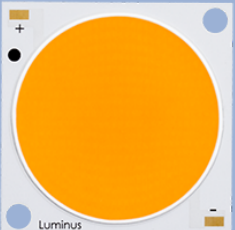


97 CRI AccuWhite™ R Values Chart

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Product Image	Product Family	Light Emitting Surface (mm)	Substrate Size (mm)	Power Range (W)	Flux @ 3000K, 90 CRI
	CXM-6	6.3	13.5 * 13.5	5 - 17.1	700 - 1800
	CIM-9 CLM-9	9.8	13.5 * 13.5	6.1 - 29.4 8.3 - 34.4	800 - 2700 1100 - 3300
	CXM-9	9.6	13.5 * 13.5 (AC) 15 * 15 (AA)	12.1 - 41.9	1600 - 4300
	CXM-11	11.6	19 * 19	15.1 ~ 49.	2000 - 5100
	CIM-14 CLM-14 CXM-14 CGM-14	14.5	19 * 19	15.3 - 50.1 16.6 - 68.7 24.1 - 75.6 30.4 - 86.3	2100 - 5300 2300 - 6900 3300 - 8100 4000 - 9200
	CXM-18	17.5	21.5 * 21.5	26.8 - 93.8	3700 - 10000
	CIM-22 CLM-22 CXM-22 CGM-22	22	28 * 28	33.2 - 112.5 32.5 - 131.5 52.3 - 198.7 81.1 - 225.7	4600 - 12100 5000 - 14200 7300 - 20700 10800 - 24700
	CXM-32	32	38 * 38	122.9 - 284.8	16400 - 30900

*Products shown are Gen 4. Check data sheets for all specifications.
Also available in Gen 3 and Gen 2 COB products.