



LUXEON Portfolio

The LUXEON® LED portfolio supports development of energy efficient, reliable lighting solutions that deliver superior quality of light and performance tailored to each application. LUXEON LEDs deliver the broadest range of CCT and CRI options and lead the industry with Freedom From Binning, Hot Testing and Specification, and superior lumen maintenance. When lighting matters, LUXEON works.

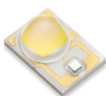

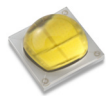



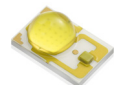

LUXEON Products

Product	Retrofit	Shops/ Hospitality	Home	Office	Outdoor/ Industry	Architectural/ Entertainment	Consumer Electronics/ Appliances
LUXEON A							
LUXEON S							
LUXEON M							
LUXEON K							
LUXEON H							
LUXEON C							

LUXEON Rebel and LUXEON Rebel ES are the lighting industry's most widely used LEDs and are suitable for a broad range of applications.

LUXEON Rebel	
LUXEON Rebel ES	

LUXEON LED Portfolio

Product	Product Description/Value Proposition	Benefits
LUXEON A	 LUXEON A provides the quality of light and performance required for the most demanding retail and hospitality applications. It is Hot Tested and Specified and delivers Freedom From Binning. The superior quality of light, high CRI, and high efficacy (lm/w) enable a great lighting experience and highly efficient solutions.	<ul style="list-style-type: none"> - Unsurpassed quality of light - 2700K, 3000K, 4000K and 5000K options - Minimum CRI of 80 or 90 - Freedom From Binning – simplifies design, minimizes costs - Enables ENERGY STAR approval - Consistent, reliable, high quality light
LUXEON S	 LUXEON S delivers the highest quality of light with industry-leading punch for high center beam intensity and uniformity. It is the right solution for retail and hospitality lighting solutions.	<ul style="list-style-type: none"> - Superior quality of light and efficacy rivals or exceeds that of Halogen and CDM - No color bins to manage simplifies design and speeds time to market - Punch brings merchandise to life without UV or IR in the beam - Up to 1400 lumens from a single emitter
LUXEON M	 LUXEON M delivers breakthrough flux density and efficiency for outdoor and wide area lighting applications. With industry leading Quality of Light, Freedom From Binning, and Hot Testing and Specification, fixture manufacturers will be able to realize reduced system costs and leading efficacy.	<ul style="list-style-type: none"> - Best in Class Lumens/\$ at standard If - Simpler optical, mechanical and assembly engineering - Over 900 "hot" lumens at 700 mA and 85°C - Over 120 lm/W "hot" for 4000K CCT emitter - Min 70 CRI available in 3000K, 4000K and 5700K CCT
LUXEON K	 LUXEON K arrays provide thousands of lumens of light output and is available in three different CCTs and five configurations. Hot Testing and Specification and Freedom From Binning further simplifies design-in and manufacturing.	<ul style="list-style-type: none"> - Level 2 solution for ease of system integration with guaranteed performance at real world operating conditions - Freedom From Binning — single color; Vf, and flux bins - Delivers more than 4400 lumens from a single array - High lumen density - High lumens per dollar
LUXEON H	 LUXEON H is the ideal solution for space-constrained and cost sensitive retrofit bulbs and luminaires. Its high voltage architecture minimizes driver requirements and lowers overall system costs.	<ul style="list-style-type: none"> - CCT: 2700K and 3000K with minimum 80 CRI - Superior Quality of Light — Freedom From Binning (3SDCM, no flux bins, no Vf bins) - Typical Efficacy: 90 lm/W at 40mA, 100V, Tj=85°C - 100V/200V package rated for 4W - 8W - Typical Flux: 320 - 660 lm at 20 - 90 mA and 100V/200V
LUXEON Rebel	 Award winning LUXEON Rebel LEDs are the most widely used high power LEDs available. The light output, reliability, and performance options of LUXEON Rebel have made it a popular, cost effective choice for a wide range of lighting applications.	<ul style="list-style-type: none"> - Easy design-in with a range of CCT & CRI combinations and wide selection of complementary drivers, optics, and boards - Superior performance at operating conditions - Very long usable lifetimes and superior reliability
LUXEON Rebel ES	 LUXEON Rebel ES delivers high efficacy and light output to shorten payback periods. Its proven performance and reliability lower the total cost of ownership and enable solutions to meet efficiency standards being implemented around the world.	<ul style="list-style-type: none"> - Broad portfolio of emitters for indoor and outdoor applications - Lower system energy consumption and better lighting efficiency - Faster payback periods and lower total ownership costs. - Industry leading lumen maintenance - Easy to qualify ENERGY STAR® certified solutions
LUXEON C	 LUXEON C is an ultra-compact, un-encapsulated emitter ideally suited for appliances, portable lighting solutions and power tools where a lot of light is required and little space is available.	<ul style="list-style-type: none"> - Simplified optic design with un-encapsulated package - Easy thermal management with die on ceramic construction - Lower system costs with high lm/\$/mm²

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