



APPLICATION SOLUTIONS BROCHURE

You make high bay and low bay lighting.

We'll make your high bay and low bay lighting shine — with long life times, outstanding efficacy and market leading performance.

High Bay & Low Bay Lighting

Energy-saving LEDs for a more productive environment



Application Requirements

- Increased optical control optimizes luminaire spacing and puts light where it is needed
- Accurate color rendering for productivity and safety
- Instant on without compromising reliability
- Ideal for dimming and occupancy based controls
- Provides uniform lighting

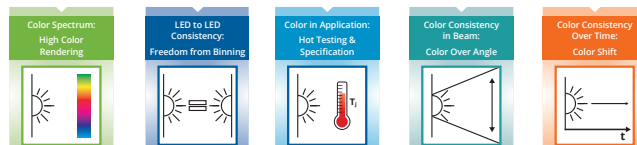
“My warehouse has never looked better. The electric bill has been cut in half and my workers are happier.”

Lumileds LEDs Outperform Conventional Lighting

	SYSTEM EFFICACY	RELIABILITY
HID	60 lm/W	15,000 hrs
LUXEON LEDs	>170 lm/W	>100,000 hrs



LUXEON Quality of Light



High Bay & Low Bay Design Approach

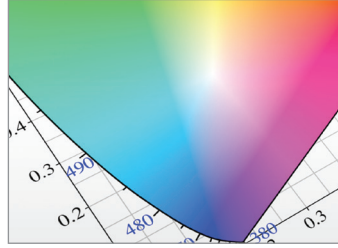
		HIGH BAY & LOW BAY	
		CoB	Individual Emitters HIGH POWER & MID POWER
		 <ul style="list-style-type: none"> Ease of design 	 <ul style="list-style-type: none"> Excellent optical control High reliability High lumen density
VALUE	<p>LUXEON CoB 1205</p> <ul style="list-style-type: none"> Ease of design 	<p>LUXEON 5050</p> <ul style="list-style-type: none"> High lumen/\$ Low LED count 	<p>LUXEON 3030 2D</p> <ul style="list-style-type: none"> High lumen/\$ 
	<p>LUXEON CoB 1208 & LUXEON CoB 1211</p> <ul style="list-style-type: none"> Ease of design 	<p>LUXEON MX</p> <ul style="list-style-type: none"> Low LED count <p>LUXEON TX</p> <ul style="list-style-type: none"> High efficacy <p>LUXEON 5050</p> <ul style="list-style-type: none"> High efficacy Low LED count   	
SIGNATURE	<p>LUXEON CoB 1216, LUXEON CoB 1321, LUXEON CoB 1812 & LUXEON CoB 1825</p> <ul style="list-style-type: none"> Ease of design 	<p>LUXEON V</p> <ul style="list-style-type: none"> Beam control 	

ECOSYSTEM



Select pre-qualified, off-the-shelf components to aid in complete system design.

LED SPECTRUM MIXER



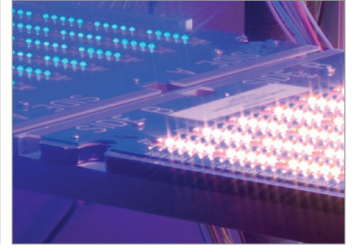
Calculate the color (white or color) that will be achieved by combining different LEDs into one application

SYSTEM CALCULATOR



Calculate the overall system performance based on design inputs.

LM-80 REPORTS



Generate LM-80 reports for specific Lumileds LEDs.

Please check out our ecosystem support at lumileds.com/designtools.

About Lumileds

Companies developing automotive, mobile, IoT and illumination lighting applications need a partner who can collaborate with them to push the boundaries of light. With over 100 years of inventions and industry firsts, Lumileds is a global lighting solutions company that helps customers around the world deliver differentiated solutions to gain and maintain a competitive edge. As the inventor of Xenon technology, a pioneer in halogen lighting and the leader in high performance LEDs, Lumileds builds innovation, quality and reliability into its technology, products and every customer engagement. Together with its customers, Lumileds is making the world safer, better and more beautiful—with light.

To learn more about our lighting solutions, visit lumileds.com.



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