
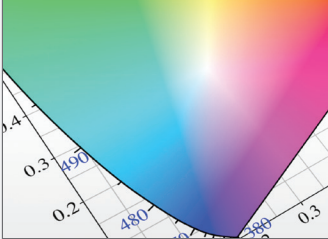

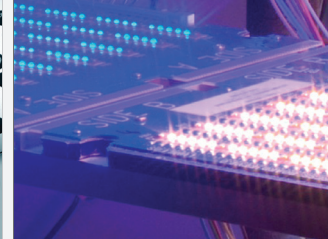


# You make indoor area lighting.

We'll make your indoor area  
lighting shine – with excellent  
reliability, high efficacy and  
uniform light distribution.

Ecosystem	LED Spectrum Mixer	System Calculator	LM-80 Reports
			
Select pre-qualified, off-the-shelf components to aid in complete system design.	Calculate the color (white or color) that will be achieved by combining different LEDs into one application	Calculate the overall system performance based on design inputs.	Generate LM-80 reports for specific Lumileds LEDs.

Please check out our ecosystem support at [www.philipslumileds.com/designtools](http://www.philipslumileds.com/designtools)

## Who We Are

Philips Lumileds focuses on one goal: Creating the world's highest performing LEDs for lighting, flash, display and automotive applications. In partnership with its customers, Philips Lumileds matches application specific LEDs and uncompromising service with your end product design. Philips Lumileds

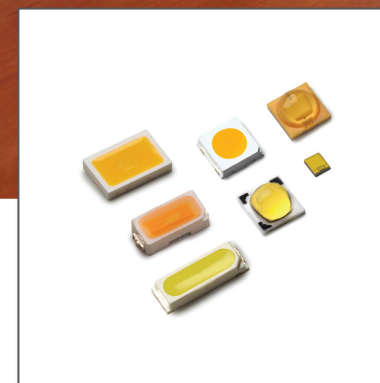
understands that solid-state lighting is not just about energy efficiency. It's about elegant design. Reinventing form. Pioneering markets and simplifying the supply chain. It's about a shared vision. Learn more about our comprehensive portfolio of LEDs at [www.philipslumileds.com](http://www.philipslumileds.com).



©2014 Philips Lumileds Lighting Company. All rights reserved. LUXEON is a registered trademark of the Philips Lumileds Lighting Company in the United States and other countries.

[www.philipslumileds.com](http://www.philipslumileds.com)  
[www.philipslumileds.cn.com](http://www.philipslumileds.cn.com)

Philips Lumileds Lighting Company 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 Philips Lumileds Lighting Company has attempted to provide the most accurate information and data, the materials and services information and data are provided "as is" and Philips Lumileds Lighting Company neither warranties, nor guarantees the contents and correctness of the provided information and data. Philips Lumileds Lighting Company 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.





# Indoor Area Lighting

Brings confidence and a contemporary look to your lighting design



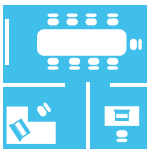
## Application requirements

- High efficiency
- Consistent and reliable performance
- Low energy consumption and long lifespan
- Uniform light distribution

“Since installing LED Lighting, my energy costs have been reduced and my employees are no longer complaining about the light being off over their desks.”

Philips Lumileds LEDs outperform conventional lighting.

	System Efficacy	Reliability
Fluorescent troffer	60 lm/W	15,000 hrs
Fluorescent tube	80 lm/W	40,000 hrs
Philips Lumileds LEDs	>120 lm/W	50,000 hrs



	Product	Key Benefits	Source Type	System Efficacy	Cost Efficient	CCT Accuracy
Low-Power LEDs	 <b>NEW LUXEON 3014</b>	<ul style="list-style-type: none"><li>• Ideal for entry level cost sensitive TLED designs</li><li>• Hot color targeted industry standard package</li><li>• Minimum 80 CRI guaranteed</li></ul>	Emitter	++	+++	ANSI
	 <b>LUXEON 4014</b>	<ul style="list-style-type: none"><li>• Ideal for entry level cost sensitive TLED designs</li><li>• Full range of CCTs at 70, 80, and 90 CRI</li></ul>	Emitter	++	+++	ANSI
Mid-Power LEDs	 <b>NEW LUXEON 3020</b>	<ul style="list-style-type: none"><li>• Hot color targeted with leading lm/\$ in QFN package</li></ul>	Emitter	+++	+++	ANSI
	 <b>LUXEON 3535L</b>	<ul style="list-style-type: none"><li>• Ideal for direct lit troffer and TLED designs</li></ul>	Emitter	+++	+++	ANSI
High-Power LEDs	 <b>NEW LUXEON TX</b>	<ul style="list-style-type: none"><li>• Full range of CCTs at 70, 80, 85 and 90 CRI</li><li>• Ideal for indirect lit and edge lit troffer designs</li><li>• High efficacy</li></ul>	Emitter	+++	+++	3-Step/5-Step
	 <b>LUXEON Z ES</b>	<ul style="list-style-type: none"><li>• Small optical source size enables unique optical solutions</li><li>• Footprint compatible with LUXEON T allows for design flexibility.</li></ul>	Emitter	++	+++	3-Step/5-Step
	 <b>NEW LUXEON Q</b>	<ul style="list-style-type: none"><li>• Industry standard 3535 footprint delivering market leading high flux</li></ul>	Emitter	++	+++	3-Step/5-Step ANSI