


You make lamps.

We'll make your lamps shine —
with excellent color rendering, color
uniformity and consistent system performance.

PHILIPS
LUMILEDS

Omnidirectional Lamps

	Lumens	Product	Key Benefits	Source Type	System Efficacy	Cost Efficient	CCT Accuracy
A or GLS Style Lamps	Up to 1600 lumens    	LUXEON K 24-up	<ul style="list-style-type: none"> Easiest to assemble. Single bin (V_F, Flux, CCT) 	Array	++	++	3-Step
		LUXEON K 16-up Royal Blue		Array	+++	+++	
		LUXEON T Royal Blue	• Best lm/W solution	Emitter	+++	+++	
		LUXEON Rebel ES Royal Blue		Emitter	+++	+++	
	Up to 1100 lumens       	LUXEON K 12-up	<ul style="list-style-type: none"> Easiest to assemble. Single bin (V_F, Flux, CCT) 	Array	++	+++	3-Step
		LUXEON K 8-up Royal Blue	• Best lm/W solution	Array	+++	+++	
		LUXEON T Royal Blue		Emitter	+++	+++	
		LUXEON T	• Highest efficacy	Emitter	+++	++	3-Step/ 5-Step
		LUXEON Rebel ES Royal Blue		Emitter	+++	+++	
		LUXEON 3535L	• Cost effective	Emitter	++	+++	ANSI
		LUXEON 3535 2D	• Enables dimming to 2200K				
	Up to 800 lumens          	LUXEON H50-2					
		LUXEON H100-8	• Simplified driver solution	Emitter	++	+++	3-Step
		LUXEON H200-8					
		LUXEON K 3-up					
		LUXEON K 4-up	• Easiest to assemble.	Array	+++	++	3-Step
		LUXEON K 6-up	• Single bin (V_F , Flux, CCT)				
		LUXEON K 8-up	• 36-48V options				
LUXEON 3535 LUXEON 3535L LUXEON 3535 2D		• Best lm/\$ solution • Enables dimming to 2200K	Emitter	+++	+++	ANSI	

Directional Lamps

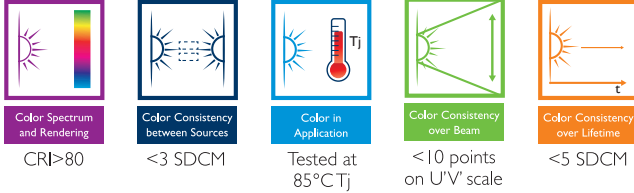
	Product	Key Benefits	Source Type	Beam Quality	Beam Angle	CCT Accuracy
All Lamps	 LUXEON Z ES	<ul style="list-style-type: none"> • Best for narrow beam lamps 	Emitter	+++	≥10	3-Step
	 LUXEON T	<ul style="list-style-type: none"> • Best efficacy 	Emitter	++	≥15	3-Step/ 5-Step
	 LUXEON 3535 2D	<ul style="list-style-type: none"> • Cost effective • Enables dimming to 2200K 	Emitter	++	≥20	ANSI
PAR30/38	 LUXEON CoB	<ul style="list-style-type: none"> • Small light emitting surface (LED) 	Array	+++	≥22	3-Step/ 5-Step
	 LUXEON K 6-up	<ul style="list-style-type: none"> • Best for large PAR lamps • Easiest to assemble • Single bin (V_f, Flux, CCT) • Best efficacy 	Array	+++	≥22	3-Step
	 LUXEON K 8-up	<ul style="list-style-type: none"> • Best for narrow beam lamps • Excellent uniformity in the beam • Small light emitting surface 	Array	++	≥15	3-Step
PAR20	 LUXEON M	<ul style="list-style-type: none"> • Best image quality for lamps 400-600 lm 	Array	+++	≥22	3-Step
	 LUXEON K 3-up	<ul style="list-style-type: none"> • Easiest to assemble • Single bin (V_f, Flux, CCT) 	Array	++	≥22	3-Step
	 LUXEON K 4-up					
GU10	 LUXEON H100-8 LUXEON H200-8	<ul style="list-style-type: none"> • Best image quality and driver efficiency • Fits space constrained designs 	Array	+++	≥25	3-Step
MR16	 LUXEON M	<ul style="list-style-type: none"> • Best image quality for lamps 400-600 lm 	Array	+++	≥22	3-Step
	 LUXEON Rebel Plus	<ul style="list-style-type: none"> • Best for narrow beam lamps 	Emitter	++	≥15	3-Step/ 5-Step



Application requirements

- Color quality and consistency across the installation
- Lumen maintenance under extreme conditions
- High efficacy for energy savings

LUXEON Quality of Light



Philips Lumileds enables the highest center beam candlepower for a 50W MR16 with the best Quality of Light

	System Efficacy	Reliability
Halogen	~20 lm/W	<2,500 hrs
Philips Lumileds LEDs	80 lm/W	>35,000 hrs (L70)

<h3>Ecosystem</h3> <p>Select pre-qualified, off-the-shelf components to aid in complete system design.</p>	<h3>LED Spectrum Mixer</h3> <p>Calculate the color (white or color) that will be achieved by combining different LEDs into one application</p>	<h3>System Calculator</h3> <p>Calculate the overall system performance based on design inputs.</p>	<h3>LM-80 Reports</h3> <p>Generate LM-80 reports for specific Lumileds LEDs.</p>
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Please check out our growing ecosystem support at www.philipslumileds.com/designtools

Company Information

Philips Lumileds is a leading provider of LEDs for everyday lighting applications. The company's records for light output, efficacy and thermal management are direct results of the ongoing commitment to advancing solid-state lighting technology and enabling lighting solutions that are more environmentally friendly, help reduce CO₂ emissions and reduce the need for power plant expansion. Philips Lumileds LUXEON® LEDs are enabling never before possible applications in outdoor lighting, shop lighting, home lighting, digital imaging, display and automotive lighting.

Philips Lumileds is a fully integrated supplier, producing core LED material in all three base colors, (Red, Green, Blue) and white. Philips Lumileds has R&D centers in San Jose, California and in the Netherlands, and production capabilities in San Jose, Singapore and Penang, Malaysia. Founded in 1999, Philips Lumileds is the high flux LED technology leader and is dedicated to bridging the gap between solid-state technology and the lighting world. More information about the company's LUXEON LED products and solid-state lighting technologies can be found at www.philipslumileds.com.



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