

★ CREE XLAMP® LEDs ARE OPTIMIZED FOR

# PORTABLE

LIGHTING APPLICATIONS.

★ LIGHTING THE  
LED REVOLUTION™



Cree delivers lighting-class LED products optimized for consumer and high-end portable lighting.

We make it easy to create beautiful LED light.

FLASHLIGHTS

HEAD LAMPS

LANTERNS

BIKE LIGHTS

WEAPON LIGHTS



CREE 

## ★ PORTABLE CONSUMER LIGHTING APPLICATIONS NEED:

### OUTPUT & CONTROL

FLUX & EFFICACY



OPTICAL CONTROL



### QUALITY OF LIGHT

COLOR QUALITY (CRI)



COLOR CONSISTENCY



### RELIABILITY




COLOR STABILITY



LUMEN MAINTENANCE



## Recommended products for portable consumer lighting applications

APPLICATION REQUIREMENTS	CREE XLAMP® DISCRETE LEDs DELIVER		
Low system and production cost	<b>ML-E</b> 	<b>XP-C</b> 	<b>XP-E</b> 
Good beam quality	ANSI Cool White ANSI Neutral White	ANSI Cool White ANSI Neutral White	ANSI Cool White ANSI Outdoor White
	Excellent efficacy	High light output	Very high light output
	Good for lower light applications	Very good beam with reflector	Very good beam with reflector

## ★ PORTABLE HIGH-END LIGHTING APPLICATIONS NEED:

### OUTPUT & CONTROL

FLUX & EFFICACY



OPTICAL CONTROL



### QUALITY OF LIGHT

COLOR QUALITY (CRI)



COLOR CONSISTENCY



### RELIABILITY


COLOR STABILITY



LUMEN MAINTENANCE



## Recommended products for portable high-end lighting applications

APPLICATION REQUIREMENTS	CREE XLAMP® DISCRETE LEDs DELIVER			
Long throw distance	<b>XR-E</b> 	<b>XP-E</b> 	<b>XP-G</b> 	<b>XM-L</b> 
Very good beam quality	Cool White ANSI Neutral White	ANSI Cool White ANSI Outdoor White	ANSI Cool White ANSI Neutral White	ANSI Cool White ANSI Neutral White
	Up to 268 lm @ 1A	Up to 291 lm @ 1A	Up to 493 lm @ 1.5A	Up to 742 lm @ 2A
	Very good beam with TIR lens	Very good beam with reflector	Very good beam with reflector	Very good beam with reflector

Request a product sample, contact a distributor, or speak with a Cree Solutions Provider and see what's next in the LED revolution at [www.cree.com](http://www.cree.com) or call us at (800) 533 2583.

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