

★ CREE HIGH-BRIGHTNESS LEDs ARE OPTIMIZED FOR

# FULL COLOR VIDEO

SCREENS AND BILLBOARD APPLICATIONS.

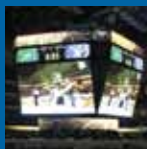


★ LIGHTING THE LED REVOLUTION™

Cree delivers high-brightness LED products optimized for full color video screens and billboards.

We make it easy to design in LED technology.

INDOOR  
VIDEO  
SCREENS  
OUTDOOR  
VIDEO  
SCREENS  
OUTDOOR  
BILLBOARDS



**CREE** 

# ★ FULL COLOR VIDEO SCREENS AND BILLBOARD APPLICATIONS NEED:

## OUTPUT & CONTROL

BRIGHTNESS

VIEWING  
ANGLE



## QUALITY OF LIGHT

COLOR  
CONSISTENCY

CONTRAST  
RATIO



## RELIABILITY

OUTDOOR  
OPTIMIZED

LIFETIME



## Recommended products for full color video screens and billboard applications

### CREE RGB SMD LEDs

CLV1A CLVBA CLX6A CLV6A



#### Application Requirements:

#### Cree RGB SMD LEDs deliver:

Consistent color

Consistent viewing experience across all viewing angles and positions

High brightness

CLV6A and CLX6A deliver brightness optimized for outdoor applications

Far-field pattern matching

All are part of the Cree Screen Master® family, providing matched red, green and blue far-field patterns

Small form factor for better contrast and higher resolution

Surface mount with a small form factor, CLVBA and CLV1A are optimized for indoor applications

Contrast ratio

CLVBA black body LED offers improved contrast

Outdoor optimized

CLV6A and CLX6A are water resistant for use in outdoor applications without the need for a protective cover

### CREE RGB P2 LEDs

C4SMK  
C4SMF



#### Application Requirements:

#### Cree RGB P2 LEDs deliver:

Consistent color

C4SMK provides the widest viewing angle available today

Far field pattern matching

All are part of the Cree Screen Master® family, providing matched red, green and blue far-field patterns

High brightness for power savings

C4SMF provides superior brightness so it can be driven at a lower power to save energy and extend lifetime

**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.**

**Learn more about Cree High-Brightness LEDs: [www.cree.com/hb](http://www.cree.com/hb)**



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