

★ 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 or call us at (800) 533 2583.

Learn more about Cree High-Brightness LEDs: www.cree.com/hb



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