

## Change to Voltage of Cree® CP41A Red & Amber LEDs

### PCN-CM047

**Announcement Date: March 6, 2014**

**Implementation Date: Immediately**

This notification applies to the following Cree order codes:

CP41A-RDS-XXXXXXXXXXXXXXXXXX

CP41A-RFS-XXXXXXXXXXXXXXXXXX

CP41A-RHS-XXXXXXXXXXXXXXXXXX

CP41A-ADS-XXXXXXXXXXXXXXXXXX

CP41A-AFS-XXXXXXXXXXXXXXXXXX

CP41A-AHS-XXXXXXXXXXXXXXXXXX

No customer action is required.

### CHANGE DESCRIPTION

Cree will begin shipment of CP41A Red & Amber LEDs with lower voltage parameters to improve the performance of our LEDs. The changes to voltage parameters and new forward voltage graphs are shown below. All other data sheet parameters remain unchanged.

CP41A-RDS/RFS/RHS	Unit	Old	New
Maximum Forward Voltage	V	3.4	3.2
Typical Forward Voltage	V	2.8	2.3

CP41A-ADS/AFS/AHS	Unit	Old	New
Typical Forward Voltage	V	2.6	2.5

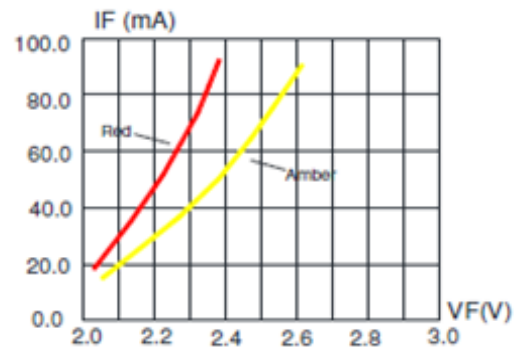


FIG.1 FORWARD CURRENT VS. FORWARD VOLTAGE.

### IMPACT OF CHANGE

Effective March 6, 2014, Cree will begin shipping CP41A Red & Amber series LEDs with the new voltage parameters listed above. Neither the order codes nor the bin codes will be changed to reflect this change.

No customer action is required.