



NOTES:
 I_F =FORWARD CURRENT.
 V_F =FORWARD VOLTAGE.

Figure 1 In a series array, the same current flows through all LEDs, equalizing the brightness and color of the string. However, the more LEDs in series, the greater the drive voltage, output voltage, and variation in range (a). One possible LED lighting architecture drives a series-parallel array with N parallel strings using a single driver to reduce the number of driver components (b).