
Subject: Red & Green 5 mm LED

Posted by [FL152](#) on Sun, 15 Apr 2018 19:04:45 GMT

[View Forum Message](#) <> [Reply to Message](#)

NOS Siemens LR5360-DG standard diffused 5 mm red LED measured / calculated values ($I_f = 10$ mA) :

Figure 1: Forward voltage U_f against applied current I_f for 5 mm red LED LR5360-DG

Figure 2: Dynamic resistance r_D vs. applied current I_f for 5 mm red LED LR5360-DG

Cheap "no name" 5 mm standard diffused green LED measured / calculated values ($I_f = 10$ mA) :

Figure 3: Forward voltage U_f against applied current I_f for green "no name" 5 mm LED

Figure 4: Dynamic resistance r_D vs. applied current for green "no name" 5 mm LED

Measured and calculated values are pretty in line with previously published values for similar LEDs, see for example „Valve Amplifiers 4" by M. Jones, pages 44-45.

File Attachments

- 1) [graf4.tif](#), downloaded 1838 times
 - 2) [graf5.tif](#), downloaded 1815 times
 - 3) [graf6.tif](#), downloaded 1819 times
 - 4) [graf7.tif](#), downloaded 1835 times
-