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Subject: Red & Green 5 mm LED

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

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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

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- 1) [graf4.tif](#), downloaded 1375 times
  - 2) [graf5.tif](#), downloaded 1350 times
  - 3) [graf6.tif](#), downloaded 1359 times
  - 4) [graf7.tif](#), downloaded 1373 times
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