

Re: 12 LED resistance circuit help

Source: <http://sci.tech-archive.net/Archive/sci.electronics.basics/2005-04/msg01159.html>

- *From:* "Watson A.Name - \"Watt Sun, the Dark Remover\"" <NOSPAM@xxxxxxxxxxxxxxxx>
 - *Date:* Sat, 23 Apr 2005 20:05:12 -0700
-

"John Fields" <jfields@xxxxxxxxxxxxxxxxxxxxxxxx> wrote in message

news:vcuk611q8nljblh2q4bd4tta7uvimhn3pl@xxxxxxxxxxx

> On Sat, 23 Apr 2005 05:13:57 GMT, "Anthony Fremont"

> <spam@xxxxxxxxxxxxxxxx> wrote:

>

>>

>>"John Bokma" wrote:

>>

>><snipped exactly what I was going to post>

>>

>>> Note that I did this calculation, later checked it with a voltage

>>meter,

>>> and yet already 2 exotic LEDs died on me. I think it's a bad badge.

>>> (Unless someone can point out my errors).

>>

>>I came up with the same calculation as you. If LEDs are dieing, then

>>20mA may be a bit too much current. Since there are two LEDs in series,

>>one may hog more current than the other resulting in its demise.

>

> ---

> So, you're saying that because the LEDs may not be identical one may

> be drawing more current than the other?

> ---

Heh. Some advice handed out in the NG is really atrocious, ain't it?

>>You

>>might consider not driving them so hard. There is probably a relatively

>>insignificant brightness difference between 10mA and 20mA anyway.

>

> --

> John Fields

> Professional Circuit Designer

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- **Follow-Ups:**

- ◆ **[Re: 12 LED resistance circuit help](#)**
 - ◇ *From:* Anthony Fremont
- ◆ **[Re: 12 LED resistance circuit help](#)**
 - ◇ *From:* Lord Garth

- **References:**

- ◆ **[12 LED resistance circuit help](#)**
 - ◇ *From:* Brilla
- ◆ **[Re: 12 LED resistance circuit help](#)**
 - ◇ *From:* John Bokma
- ◆ **[Re: 12 LED resistance circuit help](#)**
 - ◇ *From:* Anthony Fremont
- ◆ **[Re: 12 LED resistance circuit help](#)**
 - ◇ *From:* John Fields

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