
Subject: Re: Optics simulation with IDL?

Posted by [karri](#) on Tue, 22 May 2001 05:37:38 GMT

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On Mon, 21 May 2001, Jaco van Gorkom wrote:

> karri wrote:

>> On Mon, 21 May 2001, Pavel A. Romashkin wrote:

>>> karri wrote:

>>>> My problem is that I have made a light guide to transfer the light from 5
>>>> leds to the front panel of a box. In this array the light leaks a lot from
>>>> one light guide to the other. I tried to fix this by putting opaque
>>>> material all around the guides but this approach reduced the intensity a
>>>> _lot_.

>>>

>>> Instead of using either language to simulate the case, mount the LEDs
>>> right onto the front panel of the box. This will save a lot of time.

>>>

>> ... It is just that the box designer wants to have oval blue light sources
>> spread out on a parabolic path around a front panel that only has curved
>> surfaces.

>>

>> Not flat green or red light sources in a straight row as I would make it.

>

> For optics simulation, go for some optics package. I have no experience
> there though.

>

> For your problem, I'd glue five blue leds ...

Thanks for all who replied. I fell for the solution to spend a few days
making prototypes and then I just choose the best one. Sorry for bothering
everybody.

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Cheers,

Karri Kaksonen
