

Re: reflective light

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edramshaw@funksoulproductions.com (ed) wrote in message
news:<db80ca78.0412041821.4b0e707e@posting.google.com>...

> *Let me prefice this by saying I am not a scientist. I have tendeees*
> *but I am way too unorganized to gather enough details to prove*
> *anything.*

>

> *I always had this idea and was about to expirement when I came up with*
> *a few things in this forum but none really address the issues. I was*
> *wondering if anyone could help.*

>

> *I hear there is no such thing as one way mirrors, that more accurate*
> *description would be partially reflective mirrors so this will weigh*
> *in but here goes.*

>

> *Theoratically what would happen if I constructed a 3" cube out of one*
> *way mirrors and:*

>

> *1) Shined a lightsource such as a flash light into the box?*

as you say, the brightness level will go way up. In reality no mirror
is perfect, there will be loss at aech reflection, so the gain will be
nothing huge. Still, with 95% reflective mirrors the gain would be
fairly big.

> *2) Mounted a bright led light in the center of 3" cube constructed of*
> *standard mirror glass and illuminated it?*

>

> *3) Shined a more concentrated form of light such as a laser into the*
> *cube?*

laser light is coherent, which changes things a bit, but it'd still be
bright in there, with multiple laser beams.

> *At first thought I would think that question 1 would result in an*
> *"implosion" of light due to the constant re-reflection of light. This*
> *energy could then be harnessed to produce electricity.*

sci.energy: Re: reflective light

The energy input to the box is just the same as if it has no mirrors. The only reason you get high light levels is because the light is all reflected. Add anything that uses that light to make electricity, and it won't reflect much of the light, it will absorb it to make other energy forms.

Imagine your box with a laser beam, and a fly in it. If the fly interrupts the beam as soon as it gets in the box, before reflect