

**Simplest Solutions for  
Making Your Home Lighting Dark Sky and Neighbor Friendly  
Porch, Garage Lights**



\*1\*



\*1\*



\*1\*



\*2\*



\*2\*

**Solution 1** (for fixtures that are *open on the bottom*, marked \*1\* above): replace ordinary (A) bulb with small reflector (R20) bulb. Use 25-50W incandescent or 5-15W compact fluorescent (compact fluorescent may be hard to find in reflector style.)

**Solution 2** (for fixtures with candle-like bulbs or globe fixtures, marked with \*2\* above): Best -- replace fixture with fully shielded (three below right) or open-bottom type (left three above); otherwise, use lowest-wattage lamp you can find (15W or less).



A



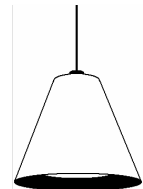
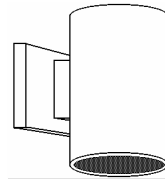
CFL



R20



best lighting with 25W - 50W R20 bulb



Where to buy: bulbs at many stores; fixtures at The Lite Company (4th St Flagstaff) or many on-line locations (start at our website below)

**Cost Savings for Better Lighting**

Electricity cost to operate half the night every night for one year: \$16 for 100 W; \$8 for 50 W \$6.50 for 40 W; \$4 for 25 W; \$2.50 for 15 W. Energy savings can compensate for the cost of the reflector lamp, and even pay back the cost of a new fixture in a few years.



*To Celebrate, Promote and Protect the  
Glorious Starry Skies of Northern Arizona*

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