

Cost for 6,000 LED outdoor, guaranteed waterproof lights= \$917 plus shipping.

Rationale for replacing clear incandescent mini lights with LED lights:

- LED power usage is less than 1/3 that of incandescent lights.
- Incandescent lights have put a strain on power supply to the green and often blow circuits in inclement weather (sometimes even when weather is clear).
- Approximately 1/3 of the incandescent lights fail every year requiring testing and replacement before installation. Replacing failed light strings has cost us approximately \$2-300 /year.
- Light strings often fail during the season leaving large sections of the tree blacked out.
- Incandescent lights can only be strung in series of 450 bulbs which requires at least 15 extension cords which cost between \$12 and \$25 each.
- Extension cords last an average of 3 years due to exposure to the elements.
- If we switch to LED we'll use far fewer extension cords which means we already have enough for the foreseeable future.