

Switch To Bulbs Lasting Lifetime Dim Way To Save

By LOUIS CASSELS
Washington - (UPI) - Electrical manufacturers know how to produce light bulbs that will last a lifetime.

But the standard bulbs which you buy in the market burn out after an average of 750 to 1,000 hours of use. Putting those facts together,

you might conclude - as many consumers have - that manufacturers are deliberately putting out an inferior product to assure themselves of a constant replacement market.

But you would be 100 per cent wrong, report scientists at the National Bureau of Standards.

The bureau has conducted extensive studies of the matter to provide purchasing guidance for the U.S. government, the world's largest user of light bulbs.

Summed Up

Its findings can be summed up as follows:

The standard five-month light bulb is a better buy for ordinary household and office use than the long-life bulbs which burn for years.

L. E. Barrow, chief of the photometry and colorimetry section of the Bureau of Standards, explains why this is true.

The efficiency of a light bulb, in terms of the amount of illumination it produces per watt of electric power consumed, is directly related to the temperature at which the filament burns.

The hotter the filament, the more light you get per watt of power. On the other hand, the hotter the filament, the sooner it burns out.

Example

To take a couple of extreme examples, a photoflood lamp used for taking indoor pictures produced more than 30 lumens of light per watt. But it burns out after 3 to 6 hours.

On the other hand, a 230-volt lamp operated at the standard household power of 120 volts would last about one million hours. But its efficiency of light production would be extremely low - about 3 lumens per watt.

Tests by the bureau show that the optimum efficiency for ordinary household use is obtained when the cost of the electric power consumed by a bulb throughout its lifetime is approximately seven times the cost of the bulb itself.

The mathematics of this computation are very complicated, but it figures out that you get the most light for your money with standard bulbs that last from 750 to 1,000 hours.

This does NOT mean that long-life bulbs are always a bad buy. On the contrary, Barrow points out, there are some cases in which they are a wise investment. For example, if a light bulb is located in a relatively inaccessible place, so that replacing it is difficult or even hazardous, you'd be well advised to install a "life-time" bulb there and accept the relative inefficiency of light production as a lesser evil than risking your neck to replace a standard bulb every few months.

By the same logic, lifetime bulbs may make economic sense where labor costs of

replacing burned out bulbs enter into the calculation.

If you do use long life bulbs for a special purpose, however, you should allow for their relative inefficiency by installing a 125-watt lamp where you'd put a 100-watt standard incandescent bulb.

At this point, some householders will be muttering to themselves that they know very well some of their bulbs have been burning out in a lot less than 750 to 1,000 hours of use.

And they're probably right.

Barrow says that fluctuations in power voltage may shorten the life of a light bulb considerably. In fact, a five per cent increase in voltage - from the standard 120 volts (for which bulbs are designed) to 126 volts - will cut the life of a bulb in half.

Recent Meeting Held by Sisters

Past Chiefs club of the Pythian Sisters met Tuesday, August 28, at the home of Mrs. Walter Grochowski on Coleman Creek road. Mrs. Lewis Thompson was co-hostess.

At the business meeting the finance committee reported that there would be a bazaar and food sale early in November. Mrs. Don Anderson was appointed chairman of the bazaar committee for the installation of the new officers of Talmadge temple.

Mrs. Harry Bryant, junior supreme representative, gave a report on the Supreme Temple session held recently at the Palmer house in Chicago, Ill.

The hostesses served refreshments followed by an evening of cards. First prize was won by Mrs. Bud Aldredge and second prize by Mrs. Emilie Conrad. Mrs. Carl Fichtner won the door prize. The next meeting of the club will be held at the home of Mrs. Don Ross, September 24, at 1 p.m.

Chapter Holds Rush Luncheon

A luncheon was recently given by Delta Omega chapter of Epsilon Sigma Alpha sorority at the home of Mrs. Robert Shangle. The luncheon was one of the events of the fall rushing program.

Guests attending the lunch were Mrs. C. E. Chisum, Mrs. Edward Evanson and Mrs. Arthur Pollard.

Mrs. Shangle was assisted by Mrs. Ernest Black, chairman of the rushing committee, Mrs. Leland Carpenter, Mrs. Richard Meister and Mrs. James Quinn.

Mrs. Shangle gave an explanation of the purposes of Epsilon Sigma Alpha.

A tea and pledge pin ceremony are planned for Thursday, September 6, at the Carpenter home.

Women's News Social Events



"We've been hearing so much about this place we decided to try it this week end," said the friendly woman in the camp next to ours at Howard Prairie lake Sunday morning. "We think it's wonderful. It seems to be run a lot better than some of the camping places we've been."

There were five adults and two children in the party, and they were from Roseburg. Earlier we talked to a young girl who was rinsing her bathing suit in the washroom - she said she had come up from Arcata, Calif., with her aunt, uncle and two cousins. "We like it here," she said. "I'm sorry my daddy and mother didn't get to come."

The two of us agreed with the visitors. We hadn't been to the Howard lake recreation area since its development, and after our overnight campout, decided that it's a wonderful asset to this area. Apparently the fishermen, boating enthusiasts and sailing fans like it, too. Saturday night when we checked in with Bob Johnston, who operates the facility for Jackson county, he said that about 600 people were camped in the area. We took one of the last available spots - in fact, the usual overnight camping sites were all taken because Mr. J. doesn't have the heart to turn anyone down after they drive that far, he let the overflow camp in the picnic area.

It seems that some residents of the county have been annoyed at the fee of \$1 per day per car which is charged. This doesn't seem too high considering what it must cost to keep up and staff such an area. Mr. Johnston said that 10 employees live at the lake and are on duty the week around; an additional six go up to help out over the week end. Several persons are required to staff the store, marina, etc., and the clean-up work must go on every day. Right new additional camp sites are being cleared, and more roads constructed. In view of all this, and since some of the campers are from other counties and other states, the charge seems necessary and reasonable.

Weather like Saturday and Sunday is one reason we love southern Oregon. It is warm, without being too hot, and with nights favorable for camping. We spread our sleeping bags under the trees on the lake shore Saturday night and were bedded down by 9 o'clock. About 3 a.m. we woke briefly, and looked at the stars, about 5 a.m. a lone puppy howled mournfully but even didn't keep us awake very long. When we finally were wide awake the sun was way up in the sky and other campers all around were already on the lake fishing, or were getting breakfast.

Pappy said he had been awakened earlier by an inquisitive chipmunk which ran up and down between the two sleeping bags. The chipmunks are all over the campground and we had fun watching their antics. In fact, we decided the animal on the big sign at the entrance to the recreation area should be a chipmunk instead of a beaver. Actually, Potpourri thought it was a chipmunk, but Pappy insists that it's a beaver.

Most campers don't sleep in the open. The campground was filled with tents, trailers, station wagons with beds and all manner of equipment. Too, there are some house boats on the lake. That, we decided, would be ideal. One of the few drawbacks to camping in places like Howard lake is the fact that neighbors are so close. Surely the middle of the lake would assure privacy.

Of course, the water was covered with boats of all sorts Sunday. We counted eight or 10 sailboats at one time. One had red sails, and another had blue and white stripes. They were a lovely sight on the water.

Since we don't fish or go boating, we took a walk around the campground. Across the way a camper hailed us with a cheery greeting and it turned out to be L. A. Mirick of Medford. Instead of fishing rods or water skis, these outdoorsmen were equipped with bows and arrows. Mr. M. reminded us that the bow and arrow season on deer had opened the day before. He said that both Saturday and Sunday morning the group had gotten up at 3 a.m. (we thought we heard someone chopping wood at 3 a.m.) had crossed the lake in a boat and hunted the country to the east.

With Mr. Mirick were Dr. Merle Foland of Medford, David D'Olivo of Ashland and Dr. Foland's two sons, Paul and Michael. The hunters reported they had seen few bucks, but many does and fawns. Since they were interested only in bringing back bucks, the hunt had not been successful. Mr. M. admitted that he had tried his luck at fishing, too, but hadn't caught anything.

"We don't really mind," said Mr. M. with a big smile. "We really came just to have fun outdoors and for the food. He's a good hand at cooking," pointing to Dr. Foland. "Last night he cooked steaks over the coals and fried potatoes with onions. We didn't quite finish the potatoes and onions, so we warmed them over for our early breakfast. They were almost better the second time!"

Mr. M. hit the nail on the head. The thousands of people who take to the woods aren't really that much in love with fishing, or water skiing or hunting. They just want to be outdoors.

And food cooked outdoors tastes mighty good. The campers from Roseburg are keen about pit cooking. Early Sunday morning we watched one of the men shoveling coals and wondered. Later we learned that they brought potatoes, meat and fresh corn prepared and wrapped in foil. After breakfast they put all this in the bottom of the fire pit, put the coals back on and keep a small fire during the day. When the men are through fishing and return to camp, hungry, dinner is all cooked and the womenfolk haven't had to do a thing. O.S.

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Education Fellowships Considered Main Project of Medford AAUW

On February 15, 1936, a small item appeared in the Mail Tribune asking women interested in organizing a branch of the American Association of University Women to contact Mrs. Robert Hart, who later presided at the organizational session.

During the 26 years since its organization the Medford branch of AAUW has undertaken a number of projects, but considered the most outstanding is their annual contribution to education fellowships for both American and foreign women to continue their higher education.

The amount contributed by the local branch since it was organized has totalled \$5,238. For the past seven years at least one \$500 award has been contributed by the group each year. In 1957-1958 the branch gave \$1,000 for two.

During this same period the branch contributed more than \$1,000 as their share in constructing the AAUW Foundation headquarters in Washington, D.C.

First Grant
The first international grant, contributed in 1948-1949, was named "The Medford Oregon AAUW."

Not until 1953-1954 was the branch able to donate \$500 for another international grant which is the smallest amount that may be donated in order for it to be named by the branch. That year it was named in honor of Mrs. Justin (JoAnne) Smith, Medford High School American problems instructor, who has been chairman of the international relations interest group of the branch since its organization.

Other international grants and their names were Medford, Oregon, Branch, 1955-1956 and Medford Branch 20th Year Anniversary grant, in 1956-1957.

A Medford Memorial grant, given in honor of four former members - Mrs. Aletha Vawter, Mrs. Frank Roberts, Mrs. Walter Garner and Thora

Smith Lawrence - was one of two given in 1957-1958. The other, named American fellowship, was The Medford Story Hour fellowship in honor of the children's program that the branch had broadcast over radio station KYJC for several years.

The following year the Oregon Centennial was observed by the branch when they named their grant, "Medford Branch Oregon Centennial."

The grants given during the past three years have honored members who have been outstanding in their fields. In 1959-1960 the Maxine Smith international grant was given for her work in the field of education and as president of the Oregon Education association; in 1960-1961 the Enid Rankin American fellowship was made for her work with senior citizens, and in 1961-1962 the Bertha Haskins International fellowship in her memorial as a teacher and

school principal in Jackson county.

Each year in February a fellowship luncheon is held by the Medford branch, AAUW, at which time a foreign student, who is attending an Oregon college on an AAUW grant, speaks.



"Why, he's just a kid!"

How often have you thought that about a passing serviceman? Today over half the GI's are under 25... many away from home for the first time. Think what it means to these young Americans to have a USO nearby, where there is spiritual help, an atmosphere of home, laughter and relaxation. The USO is their reassurance that the folks back home care that they're there.

Too often, due to the USO's lack of funds, GI's are being deprived of these things the USO would bring them. They need the USO. But the USO needs your help. So no GI will ever have to wonder - even for a minute -

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