Specialist Finds Efficient Ways Of Lighting The Home

"En-lightened" homemakers use electricity more efficiently--they study light bulb labels and keep bulbs, fixtures and ceilings clean.

"Package labels list three ratings-watts, lumens and bulb life," Lynn Bourland, home management specialist with the Texas Agricultural Extension Service, Texas A&M University System,

When purchasing bulbs use this information to acieve more economical home lighting, she con-

"One guide commonly used in buying bulbs is the wattage rat-

"Wattage measures electricity used in bulb operation-it doesn't indicate how much light is received from the bulb."

The specialist noted that several bulbs using the same total

A&M To Pay Partial Cost Insurance

The Texas A&M University System will pay up to \$12.50 each month toward the cost of employees' group insurance begin-

ning Sept. 1. During August employees will be asked to note their preferences for use of funds allocated by the Legislature for assistance in payment of group insurance (other than life insurance). Contributions may be applied toward Group Medical, Accidental Death and Dismemberment or Long Term Disability Insurance.

The amount of the contribution is based on percentage of time employed and goes up to \$12.50 monthly for fulltime regular employees.

Personnel will be provided with forms to indicate the plan toward which they wish the contributions applied. These forms must be returned to the A&M Payroll Office in the YMCA Building before Sept. 1, or the contribution will automatically be applied to any coverage the employee has at that

Employees who do not have Medical Premium, Accidental Death and Dismemberment of Long Term Disability and do not enroll in them will lose the contribution benefit.

Those with questions concerning the contribution program should contact the A&M personnel department at 845-6141.

Madeley Tops In Gymkhana

Jack Madeley had the top time of the day and was first in the small car class in a gymkhana sponsored by the Texas A&M Sports Car Club.

Madeley drove an Austin-Healey Sprite and had a time of 43.6 seconds in Saturday's event.

Bill Jermyn was first in the large car class with a time of 44.1 seconds. He drove a Boss Mustang. Second place in the small car

class went to Mike Bozardt in a Datsun 240Z. Bill Williams, driving a Ford Cortina, was second in the large car class.

There were 15 entrants in the auto cross, which was run on the Zachry Engineering Center parking lot at TAMU. Don Tunison was the event master.

The TAMSCC will hold its next meeting Wednesday, Aug. 8 at 7:30 p.m. in the Mimosa Room of the old College Station City Hall.

A&M Hires Policewomen

The A&M campus police force has hired its first policewoman. Miss Mary Helen Gaas, 22, of Elmaton, Tex., began work this morning, announced Assistant Chief Morris A. Maddox.

Miss Gaas is a July 1973 graduate of Sam Houston State University and has a B.S. degree in law enforcement and police sci-

Maddox said Miss Gaas will have regular police duties, but also will work with the female student population and with Dean of Women Toby Schreiber.

PAWN LOANS

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Today. **Texas State Credit** Pawn Shop 1014 Texas Ave., Bryan Weingarten Center wattage as one bulb may not produce an equal amount of light. "As wattage increases, amount of light per watt also increases. For example, a 100-watt bulb provides at least 50 per cent more

light than four 25-watt bulbs." Lumens, on the other hand, indicate bulb efficiency — or the amount of light, on the average, consumers can expect when using

"The third rating, bulb life,

is the number of hours of use out. This figure indicates average out. This figure indicate average life expectancy, although some

bulbs last longer. "Several factors affect bulb life. For example, excessive heat, high voltage and vibration reduce it," Miss Bourland said.

Until recently, longer-life bulbs meant less light—so they weren't recommended where seeing was important. These conventional longer-life bulbs don't produce another relies on an improved enough light for reading, studying and working, she said.

"They're ideal for hard-to-reach areas or fixtures—such as stairwells, attics or high ceilings.

"Recently, however, bulbs have been designed which last longer than regular ones without severe light output reduction.

"Improved longer-life bulbs feature different sources of power. One uses Krypton gas, and strength or power coil.

"Compared to a regular 75 watt bulb—which has an average life of 750 hours and average output of 1170 lumens, the new 'super coil' 75 watt bulb is rated to have an average life of 1500 hours and light output of 1075 lumens. "Naturally, improved bulbs cost

more than regular ones," the spe-

"Incandescent bulbs usually

found in homes give from 10-20 ratings-affect how mu lumens for each watt of energy bulb gives off, Miss WASH. consumed. Most have a life ex-

pectancy of 750-1000 hours. "Fluorescent tubes furnish 60 lumens or more per watt, with an average life of 7500 hours on a cycle of three hours burning

"Frequent starting of fluorescent tubes shortens their life," she warned.

Other factors — besides lumen

REG

pointed out. "For instance, dust an lood of tion on bulb or fixture own the

up to 50 per cent of lighte used f wise available. oirs," To "Also, ceilings darkened ive secration" don't reflect light adequation

The specialist recommendormati carding any blackened light nrollmen "They may reduce light The st as 60 per cent."

st time



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