

RETAIL

Southbridge Mall Saves Time, Money and Maintenance with Intermatic's Advanced Lighting Control

When Southbridge Mall was being developed in 1985, an incentive was offered by the city of Mason City, IA whereas they would maintain the exterior parking lot lighting and Southbridge Mall would pay the electric bills.

George Barker, City Electrician, was charged with reducing the number of hours the lights were operational in an effort to save both energy costs and reduce maintenance costs. Programming and maintenance initially was not easy. Using two timers, one for the main lot mounted in the electrical room and one for the auxiliary lot mounted on a light pole, located on the opposite side of the parking lot, was time consuming to say the least.

In a conversation with Intermatic's technical support team, Barker learned of the Advanced Lighting Control product series, and specifically model ET90115CE. According to Barker, "The ET90115CE product offers a built-in USB port for easy transfer of programming data and a PC app allowing me to manage the system from my computer."

The ET90000 365-Day Astronomic Time Switch injects a powerful presence into the energy controls market with memory that accommodates over 2,000 events, plus holiday and exception programming.

A convenient USB port and Ethernet capabilities enable in-field schedule updates

and firmware upgrades. The intuitive time switch automatically detects and adjusts voltage between 120 and 277 VAC, at 50 or 60 Hz to eliminate manual voltage adjustments during installation.

The ET90000 meets the demanding needs of most facility schedules with availability in 1, 2, 4, 8, 12, and 16-circuit configurations. It can also be used with external devices, such as wall switches and occupancy sensors, to manually turn on and time off.

The ET90115CE units have been installed for 18 months now and Barker could not be happier with the new controls and its PC app. "I like being able to see the schedules on my computer versus reading it on the actual time control screen." He went on to say, "as far as programming goes, it has allowed me to make sure the times entered were correct and verify that I did not have any overlaps." The addition of the USB port makes it so programming is done once, copied onto a USB flash drive and transferred to both controllers.

"The system really proved its value with the ability to turn the lights off one and half hours after the mall closes at different times throughout the week, allowing employees to return to their cars in a safely lit parking lot," says Barker,

"not to mention the additional savings over the Holiday shopping season by closely following store hours as the off times change several times a week, as well as



leaving the parking lot lights on longer for special events such as RAGBRI (Register's Annual Great Bicycle Ride Across Iowa) where there are several hundreds of cyclist that NEED to find their tents. Thanksgiving Day the mall is not open during the day, but with the ET90115C I can program the lights to come on when the mall opens later that evening for the start of the Black Friday Specials" Barker also noted. The holiday scheduling feature does not affect the schedule I have programmed for the other 11 months of the year. Once the holiday shopping season passes, the controls revert back to the already programmed schedule. How does Barker feel about the new system,

"I love this control and it makes my life so much easier. The lights last longer, therefore requiring less maintenance," he said.

For more information on the Intermatic ET90000 Series of Advanced Lighting Controls, visit our website at www.intermatic.com/ET90000.



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