Inside Slot Tech Magazine

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Page 4 - Editorial

Page 6 - Out With the Old

Page 14 - More on Monitors - SMPS Operation and Troubleshooting

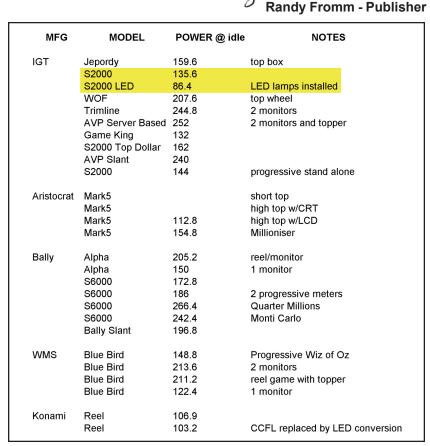
Page 18 - The Great Big Arrow

Page 23 - Quick and Simple Repairs #45 Page 30 - TechFest 18 Review (sort of) Page 34 - Subscriptions and Order Form

Dear Friends,

What had started out as a simple research project has revealed something interesting. I asked James Otto, Bench Tech for the Beau Rivage Casino, if he could help me with some research. I wanted to find out exactly how much power was consumed by the various makes and models of slot machines on today's gaming floor. I thought it would be informative in order to balance out the loads when installing banks of machines. Just how many can you put on one power strip or one circuit-breaker? The results are published below.

As a surprise bonus (and a tip o' the hat to Mr. Otto's attention to detail in his report) there is something that just jumps off the page at you. If you are looking for an immediate and substantial cost savings for your casino, you can begin right now by looking into using LEDs for general illumination in your slot machines. Look at the yellow highlighted area below. Close to 50 watts (49.2) was saved in one \$2000 alone by using LED lighting. When you do the math, that's 438 kilowatts per year for 24/7 operation. I don't know what you pay for power but DOE reports a US average of around a dime per kWh. This figure is somewhat skewed by Hawaii at .32/kWh. Regardless, you can save \$40-50 per year per machine. This does not even include the almost total elimination of replacement costs for tubes and ballasts as LEDs can go 50,000 hours MTBF and, unlike CCFLs, there are no ballasts to worry about.





Randy Fromm

Randy Fromm's Slot Tech Magazine

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