

Exceder LED Compatibility

While the enthusiasm in the industry to the new LED technology for Exceder appliances has been significant there seems to be questions regarding compatibility. To assist with this understanding please reference the information included within this document.

In all instances, there is no issue with the installation or operation of any Wheelock legacy strobes or current Exceder strobes on the same NAC circuit as Exceder LED strobes. Further there is no issue with Exceder LED strobes or other Wheelock strobes on our OEMs NAC circuits once UL has established compatibility between Exceder LED strobes and the OEM Fire Alarm Control Panel and booster power supplies.

There seems to be a general misunderstanding of design criteria and the definition of a circuit and a visual notification zone. All Wheelock conventional strobes and Exceder LED strobes may coexist on the same circuit. In instances where a conventional ceiling strobe or a high candela strobe must be used, it can be connected to the same circuit, but must be in a separate visual notification zone. As an example, in an office environment, office area strobes can be Exceder LED strobes and on the same circuit, other Wheelock high cd strobes or ceiling strobes used in rest rooms. One must always consider the difference between various visual notification zones in a facility. Using this design criteria will allow the designer to take advantage of the extremely low current draw of the LED Exceder strobe while using the same circuit to manage other Wheelock ceiling and high candela strobes in areas requiring their application.

While compatibility is being established thru UL in cooperation with our OEMs (in most cases a paperwork exercise only), full compatibility is now in place when using Wheelock power supplies and SAFEPATH. The use of Wheelock power supplies or our Wheelock sync module in Life Safety System design insures compatibility with all of our current OEMs today.



Diagram 1:
All Wheelock conventional strobes and Exceder LED strobes may coexist on the same circuit.

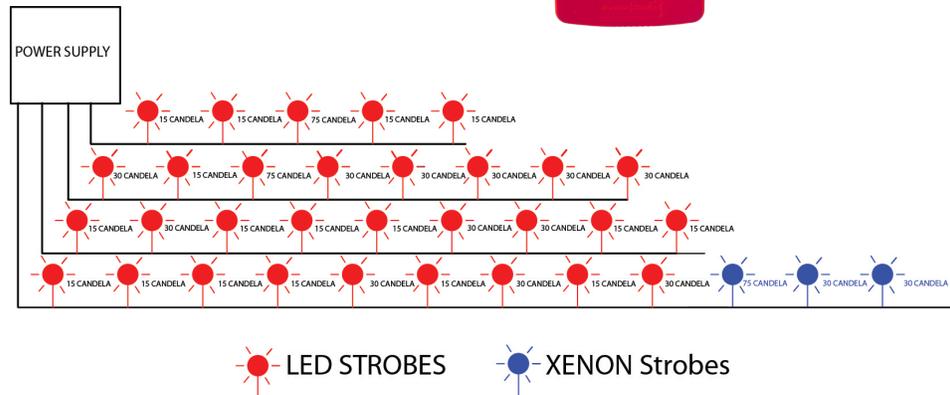


Diagram 2:
In instances where a conventional ceiling strobe or a high candela strobe must be used, it can be connected to the same circuit, but must be in a separate visual notification zone.

