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Tim Schade with the Law Enforcement Innovation Center in Tennessee:

“The Labino Pegasus Blue light in combination with orange goggles makes the human bone GLOW, like we have never seen before”

Labino had the opportunity to meet Tim Schade, Training Consultant with the National Forensic Academy and the Law Enforcement Innovation Center in Tennessee, at the IAI conference 2024. Tim has been working with the Labino Pegasus light for a year now and his experience with the light is remarkable.

What do you find extraordinary with the Pegasus lights?

“The brightness of the lamps was key. But the ease of use and the portability were also a huge factor. We can take it from the lab to the crime scene and back, without any problems or obstacles. It is extremely portable. But in addition to the brightness and portability comes cost. It has a lower cost compared to other lights.”

What light sources do you use the most?

“We use the UV, Blue and white light the most. We use UV 365nm a lot to identify blood stains. Blood absorbs UV on dark wood and different fabrics, like carpets. And the outcome is that the blood appears darker and becomes much more visible to the human eye.”

“We also use UV 365 to mark the scene. By using yellow highlighters, we can mark the scene without the markers being visible. It is most and foremost out of an educational perspective, but it is a useful method to mark a real crime scene as well.”

“The fingerprint process also uses UV. Regular black powder with red stains, fluoresce better for pictures.”

“The Blue light is used more than anything. Blue light together with orange goggles is used to detect body fluids. But more interesting is that blue light with orange goggles detects human bone. It fluoresces so strong it is unbelievable. Of course, we also use blue with basic yellow and orange filter.

“The Pegasus White light makes it easy to work at night. It is perfectly bright for that and shows shadows as in daylight.”

Tim Schade - Law Enforcement Innovation Center

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