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Barcelona (Spain)

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In the town of El Papiol, near Barcelona, [intelligent ZEBRA+ light points](#) have been installed to enhance pedestrian crossing safety. These devices combine advanced technology with motion sensors and control nodes, designed to ensure optimal lighting and reduce the risk of accidents.

During the installation, the most critical crossings were selected, and luminaires were strategically positioned to maximize their effectiveness. When the system detects pedestrians, it increases light intensity and activates a luminous halo to alert drivers while focusing the light on the pedestrian to avoid glare.

Additionally, **ZEBRA+** allows synchronization of opposite luminaires, adapting to different traffic configurations. This project provides a modern and effective solution to a vital road safety need in El Papiol, offering peace of mind to both pedestrians and drivers.

