

PHOTOELECTRIC BEAMS

TAKEX

The Choice of Professionals Worldwide.

White Light Rejection

Another important aspect of Double Modulation is the superior external light rejection capability. **TAKEX** experience and engineering excellence also ensures filtering of up to 50,000lux of direct or reflected light. This covers sources from high power vehicle lights, patrol personnel torches and even sunlight. Our filtering is unmatched in the industry. 3,000lux is the next best immunity stated by any other outdoor point to point beam product.

If a photoelectric beam receiver is hit by external light then one of two things is likely to happen. Either the beam system will false alarm or, the beam system will be blinded and simply not create an alarm condition at all. (Even if the transmission beam was completely blocked or taken out of alignment) Only **TAKEX** "Synchro" Quad and Twin beams can offer reliable performance in situations where light conditions may be cause for concern.

Some Photoelectric Beam manufacturers have attempted to develop alternatives to the Double Modulation technology by creating "Digital" or "Triple Technology" devices. Unfortunately, these products are still only single modulation devices and are little more than marketing angles.