

IST DECKLIGHT

IST's **DECKLIGHT** is a patented optical sensor system that replaces traditional in-deck wiring or on-deck cables. Without metal contacts there is increased reliability, longevity and significantly lower maintenance than with traditional metal-to-metal connections. Without the possibility of corrosion, there is no loss of conductivity from the touchpad through the deck connection. **DECKLIGHT** uses an LED that flashes when a touchpad or button is activated. That flash is detected by a photo sensor in the deck box or cable and the signal is transmitted to the Computer Timing Interface. The LED's are powered by induction, in much the same way as a rechargeable electric toothbrush, but the CTI provides the charge. The **DECKLIGHT** system is completely sealed. It will work in standing water, requires no batteries and there is no possibility for signal interference, so the times are always accurate.

Technical Specifications

- In-Deck box measures 4" x 4" x 6" (standard)
- On-Deck cable boxes measure 3" x 3" x 1.5"
- Light interface uses LED & photodiode to transmit signal
- Electromagnetic charging circuit—no batteries needed
- Waterproof plastic connectors with "Quick Lock" system
- Cables have strain reliefs at all connectors
- Connections for 1 pad & up to 3 backups per lane



A New Concept in Deck Connections

- No Metal Contacts
- Sealed Construction
- In-deck boxes flush with deck
- Works in standing water
- Can be customized to your pool
- Works with all IST Systems
- US Patent No. 7,372,014 B1

IST brings you practical technology to solve your biggest maintenance headaches. No more cleaning corrosion or replacing connections. **DECKLIGHT** - *timing with the speed of light!*

**IST**
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