Product Specification Sheet

WNC-DL1WP

Wireless Corridor Dome Light with Piezo



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The WNC-DL1WP is a high-visibility wireless corridor dome light designed for use with wireless nurse call systems (including MV200Plus, MV500, and PC-based platforms). Positioned outside patient rooms or in hallways, it provides immediate visual and audible notification of active calls. The unit features high-intensity LEDs and an integrated Piezo buzzer to ensure staff are alerted through both sight and sound, significantly improving response times in healthcare and senior living environments.

Specifications

- **Operating Voltage:** 12V DC – 24V DC
- **Current Draw:** ~100mA (Peak during Flash/Piezo)
- **Light Source:** Long-life White LEDs
- **Sound Level:** ~80 dB at 10 feet
- **Dimensions:** 4.8" H x 3.2" W x 2.5" D
- **Mounting:** Single or Double Gang Box
- **Compatible Systems:** MV200Plus, MV500, PC-Based Wireless Nurse Call

Architects' and Engineers' Specifications

The Wireless Corridor Dome Light shall be model WNC-DL1WP as manufactured for use with the Wireless Nurse Call System. The device shall include a translucent white lens and a high-intensity LED assembly capable of flashing or steady operation. An internal Piezo buzzer shall provide a minimum 80dB audible alert. The unit shall be powered by a 12V DC source and interface with the system via a wireless dome light controller. The housing shall be constructed of flame-retardant thermoplastic and shall mount to a standard single-gang electrical box.

Features

- Dual Alerting: Combines a multi-mode LED visual signal with an audible Piezo alarm.
- Visual Signaling: Supports steady light for routine calls and flashing light for emergency or high-priority alerts.
- Wireless Integration: Seamlessly pairs with wireless consoles via the WNC-DLC controller.
- Durability: Solid-state LED technology ensures long life and eliminates the need for frequent bulb replacements.
- Easy Mounting: Designed to fit standard single-gang or double-gang electrical boxes.
- Supervision: Capable of being monitored by the central system to ensure the device is online and functional (depending on the main console capabilities).
- High-Intensity Output: Optimized lens design maximizes light dispersion for visibility at long distances down hospital corridors.
- Quiet Operation Option: The Piezo buzzer can be configured for specific call types to prevent alarm fatigue in non-critical areas.

Equipment Options

- **WNC-DLC Dome Light Controller:** Required for operation; serves as the interface between the wireless system and the dome light.
- **Alternative Lens:** Available in various colors (typically White, Red, Amber, Green) depending on facility-specific alerting protocols.
- **Power Supply Options:** Standard 12V-24V DC power input (compatible with localized power adapters or centralized power hubs).

Note: With the wireless system, you can only use dome lights with the MV400, MV500 and the WNC-Server2. They cannot be used with the MV200 or PLUS

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Compliance and Certification

- **FCC:** Compliant with Part 15 regulations for low-power intentional radiators (unintentional radiator testing where applicable).
- **UL:** Components meet UL 1069 standards for Hospital Signaling and Nurse Call Equipment (when used within a certified system).
- **RoHS:** Lead-free and compliant with the Restriction of Hazardous Substances directive for environmental safety.

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