Product Specification Sheet
WNC-DL4WAGR
Corridor Dome Light



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The Corridor Dome Light WNC-DL4WAGR (SKU: WNC-DL4WAGR) is a multi-color visual signaling appliance designed for use with advanced wireless nurse call and clinic room status systems, including the Micro-Vision 200Z, 200Plus, 400Z, and 500Z consoles. Positioned outside patient rooms, exam spaces, or restrooms, it provides immediate, high-visibility status indication.

The device features addressable LED lights capable of displaying four distinct colors: White, Blue, Green, and Red. It is engineered to differentiate call priorities at a glance, utilizing a flashing white light for emergency alerts and a steady white light for routine call indications.

Specifications

- **Indication Type:** Solid State Addressable LED
- **Available LED Colors:** White, Blue, Green, Red
- **Default Call Cadence:** Flashing White (Emergency) / Steady White (Routine)
- **Required Interface:** WNC-DLC Dome Light Controller (Sold Separately)
- **Supported Systems: MV** 200Z, 200Plus, 400Z, 500Z, and PC Consoles
- **Housing Construction:** High-Diffusion, Flame-Retardant Thermoplastic Translucent Lens
- **Mounting:** Standard 1-Gang or 2-Gang Electrical Box Placement

Architects' and Engineers' Specifications

The corridor visual signaling appliance shall be a multi-color addressable LED indicator, model WNC-DL4WAGR. The unit shall be fully compatible with the facility's wireless master console receivers (including MV 200Plus, MV500, and PC-Based systems) and must operate through a dedicated WNC-DLC Dome Light Controller via a simple pair of wires.

The dome light must feature four independent, high-intensity LED segments consisting of White, Blue, Green, and Red colors to represent multiple-tier call priorities. It shall support programmable cadence variation, specifically a flashing white indication designed for emergency alerts and a steady white indication designated for routine nurse calls. The physical housing shall feature a flame-retardant, high-diffusion white plastic lens assembly designed to maximize light dispersion.

Features and Benefits

- **Multi-Color Call Prioritization:** Four addressable colors (White, Blue, Green, Red) allow staff to instantly identify the type and severity of an active event.
- **Dynamic Flashing States:** Utilizes distinct visual patterns, automatically switching to a flashing state during emergency events to capture immediate staff attention.
- **Visual-Only Option for Patient Comfort:** Provides clear communication silently, helping clinicians and senior living spaces reduce noisy overhead paging and alarm fatigue.
- **Streamlined Wiring:** Connects to its essential controller through a simple, low-voltage pair of wires, reducing labor costs during installation and system integration.
- **Flexible Console Compatibility**: Integrates seamlessly across both entry-level desk consoles and highly advanced, full-scale PC-Based master tracking installations.

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System Components

The WNC-DL4WAGR Corridor Light requires specific interface hardware and integrates with the following core system components for complete functionality:

- **WNC-DLC Dome Light Controller:** The mandatory control module (sold separately) that decodes system data and powers the visual notifications over a two-wire connection.
- **Wireless Master Consoles:** Central receiving stations—such as the MV200Plus, MV500, or PC-Based consoles—that dispatch signaling commands to the controller.
- **Optional Piezo Buzzer:** An add-on audible component (sold separately) that can be integrated into the dome light housing to provide synchronized local audio alarms.
- **Wireless Initiation Stations:** Patient-side devices, such as waterproof pull-cords, emergency push buttons, and bed stations, which trigger the dome light's colored responses.

Compliance and Certification

- FCC Part 15 Certified: Tested to comply with Class B limits for radio frequency and electromagnetic emissions, preventing interference with sensitive clinical diagnostic and monitoring hardware.
- UL 1069 System Compatibility: Configured to operate within UL 1069 framework components for hospital signaling and nurse call equipment where multi-tier visual tracking is required.
- RoHS Compliant: Manufactured free from restricted environmental hazardous substances, including lead, cadmium, and hexavalent chromium.

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