- RED-WHITE color transitions
- Smooth and comfortable lighting (no hotspots or harsh glare)
- High performance LED
- Individual software control (transition, on-off, brightness)
- Photo sensor ambient light detection
- Rugged and reliable
- Emergency battery backup
- DINEX™ Intelligent Multiplex System

Safety First

Combining high visibility safety with increased operator focus, the DINEX™ Lighting RUBY Safety LED Lighting System features programmable RED and WHITE color transitions. Bright WHITE light for full visibility and enhanced safety during passenger ingress & egress. Comfortable RED light improves driving visibility by minimizing distracting reflections and glare, while also providing a relaxed environment for passengers.

Transitions

Programmable color transitions can be automatically initiated by door activation. Flowing color transitions provide the best of both worlds: WHITE for clear visibility and passenger safety. RED for maximum operator awareness and nighttime focus without distracting glare.

Automatic Brightness Adjustment

Optional photo sensor automatic brightness adjustment from 100% night time to 60% day time illumination, is available upon request.
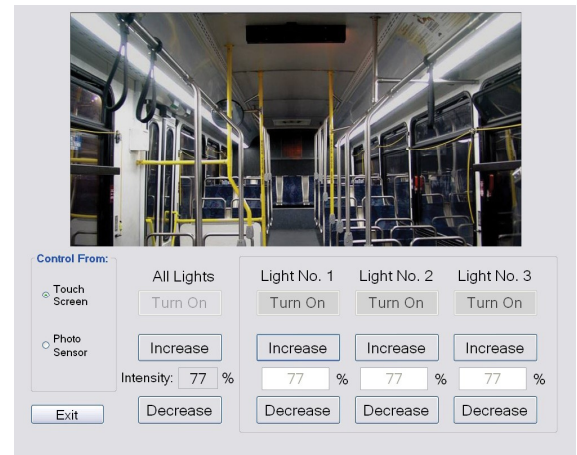
Unique Advantages

- Best of both worlds: WHITE light for visibility and safety, RED light for nighttime focus

- Premium light uniformity and consistency (No hot spots or noticeable color variation)

- Long-life LED with 60,000 hours of expected standard operation

- Software programmable

- Standard wiring harness

- Instant on, no warm up time necessary, unlimited number of on-off cycles

- Optional emergency battery backup system*

- Optional brightness adjustment based on ambient light

* Patent pending

Software Programmable

DINEX™ RUBY is controlled by an intelligent network multiplex system, designed for unlimited on-off cycles with no decline in service life. The DINEX™ multiplex system allows for independent activation and/or color transition control. Maintenance troubleshooting is easy with software featuring a simple graphical user interface (GUI), real-time monitoring of each light fixture, individual brightness level control, and custom blue-white color mixing.

Smooth and Comfortable Lighting

DINEX™ RUBY is an energy efficient next-generation lighting solution for transit vehicles. High performing LEDs and strict bin control provides smooth light output with uniform and consistent illumination, further enhancing the passenger transit experience. As the industry leader for transit lighting, DINEX™ Lighting only sources the best LEDs for maximizing light output while maintaining more than 70% of original output brightness within 60,000 hours of operation.

Emergency System (optional)

DINEX™ LED Lighting System is available with optional emergency battery backup to allow certain light fixtures to remain illuminated under battery power and at minimum output for an extended length of time, allowing for passenger visibility and timely egress from the vehicle during emergency conditions.

Multiplex Compatible

All DINEX™ LED Lighting System products are compatible with DINEX™ and other multiplex systems. Using standard wiring harnesses simplifies system integration and installation, reducing costs for bus manufacturers.

Warranty

I/O Controls provides a 12 year limited warranty or 500,000 miles (whichever comes first) on LED lights. Limited warranty does not cover misuse and abuse.

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