

# Application Note

## Recommended maintenance practices for Current rail signals

The objective of this application note is to further clarify requirements for post installation service and end of life

### Maintenance

Current LED Rail Signals and LED Rail Replacement bulbs are designed to function under a variety of harsh conditions. Despite this, there are maintenance and inspections practices that should be in place to prolong their useful life in a wayside environment. Current recommends the end users follow regular inspections and cleaning:

- Inspect the front lens for dirt or debris. Clean lens as necessary with NOVUS Plastic Polish #1 to ensure lenses remain clear. Current recommends cleaning the lens surface at least once a year or more if environmental conditions necessitate.
- Inspect terminals for proper connection. Current recommends inspecting contact points at least once a year or more if environmental conditions necessitate.
- Inspect signal housing in the front and back for cracks or damage. Replace the signal if damage is found. Current recommends inspection for damage at least once a year or more if environmental conditions necessitate.

### Replacement

Current recommends the following replacement schedule for Current LED Rail Signals and LED Rail Replacement bulbs:

- For LED Signals or LED Bulbs used over 50% duty cycle (more than 12 hours per day) replace every 7 years or sooner.
- For LED Signals or LED Bulbs less than 50% duty cycle (less than 12 hours per day) replace every 10 years or sooner.