



UCS TECHNICAL FIELD GUIDE

Blue Ridge Lighting Guide

Blue Ridge Technologies M3 lighting control integrated with Niagara through native BACnet

— Field-earned, not brochure-deep —

JULY 2026

Prepared for owners, facility teams, consulting engineers, electrical contractors and project partners

NIAGARA SUPERVISION • OWNER ADVOCACY • SUPPORTABLE FIELD CONTROL

The UCS point of view

FIELD-EARNED, NOT BROCHURE-DEEP.

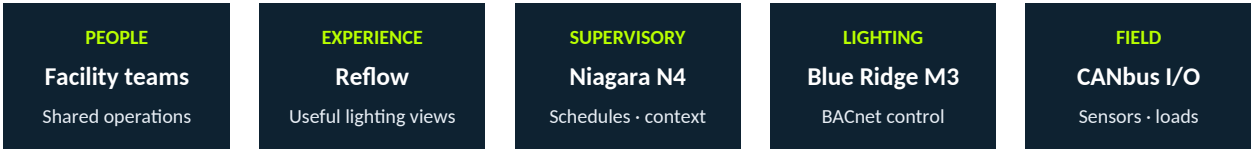
Our team has installed, programmed and serviced these systems in the field—including lines we do not represent—so we know the real strengths and trade-offs first-hand. That experience lets UCS act as an advocate for the owner, not a salesperson for a badge.

Lighting and HVAC usually live in separate silos with separate schedules, separate occupancy logic and separate service contracts. Native BACnet lighting control brings both under one supervisory layer—one schedule, one occupancy strategy, one operator experience.

Blue Ridge Lighting Solutions

Blue Ridge Technologies M3 lighting control integrated with Niagara through native BACnet.

Conceptual role in the architecture



Final architecture must meet electrical code, listing requirements, emergency-lighting rules and the defined electrical/BAS division of work.

Value and boundaries

WHERE IT IS STRONG - Native BACnet integration. - Modular M3 architecture. - Can coordinate schedules and occupancy with HVAC. - Retrofit options can reduce disruption.	DESIGN CONSIDERATIONS - Electrical, lighting and BAS scope boundaries must be explicit. - Expose only points that support an owner workflow. - Commission local lighting and supervisory integration together. - Life-safety, UL and energy-code needs remain project-specific.
ROLE CLARITY Blue Ridge owns purpose-built lighting control. Niagara provides cross-system context and selected supervisory workflows; it does not replace the electrical design.	

Manufacturer references: brtint.com/m3_platform and BRT M3 Platform Data Sheet (2024)

Deployment checklist

- Define electrical, lighting and BAS scope boundaries explicitly in the contract documents.
- Expose only the BACnet points that support a real owner workflow.
- Commission local lighting control and supervisory integration together, not separately.
- Verify local lighting operation when the supervisory connection is unavailable.
- Confirm life-safety, UL listing and energy-code requirements with the responsible design professionals.

Working with UCS on Blue Ridge

- UCS integrates Blue Ridge M3 lighting into the same Niagara/Reflow standard used for HVAC controls.
- Coordinated schedules and occupancy strategies across lighting and HVAC come standard—not as a change order.
- UCS works alongside the electrical contractor with a documented division of responsibility.

Manufacturer references

TOPIC	MANUFACTURER REFERENCE
Blue Ridge M3 platform	brtint.com/m3_platform
M3 Platform Data Sheet	BRT M3 Platform Data Sheet (2024)
Tridium Niagara N4	tridium.com/us/en/products-services/niagara4

Disclaimer: This document is a conceptual planning aid, not a stamped controls design, cybersecurity plan or product-availability guarantee. Final architecture must be engineered for the specific project and approved by the owner and responsible design professionals.