



# Custom Panel Capabilities

*If You Need a Thing to Talk to Another Thing — Call Us*

Nuvospec combines deep lighting controls expertise with an in-house UL 508A panel shop. If a standard product doesn't exist for your integration challenge — we build it.

## WHAT WE BRING TO THE TABLE

- 1 UL 508A Certified Panel Shop**  
We build custom panels in-house under UL 508A. No outsourcing, no surprises — just clean, listed work.
- 2 Any Input, Any Output**  
0-10V, DMX, DALI, BACnet, relay, dry contact, RS-232/485, Ethernet — if it has a wire, we can interface it.
- 3 Lighting Controls DNA**  
We're not a general integrator. Every custom solution comes from years of lighting controls project experience.
- 4 Special Environments Welcome**  
NEMA 4X, outdoor, wash-down, hazardous — if the standard box won't work, we design one that will.

## REAL-WORLD EXAMPLES

- **Gym cabinet:** relay control + occupancy integration
- **Outdoor WAC hub:** NEMA 3R, 0-10V + DMX fan-out
- **Shade interface:** RS-485 to 0-10V translator panel
- **BACnet gateway:** lighting protocol to BMS bridge

## CAPABILITY HIGHLIGHTS

- ▶ UL 508A listed panel fabrication
- ▶ 0-10V, DMX, DALI, BACnet integration
- ▶ AV system serial (RS-232/485) interfaces
- ▶ NEMA 4X outdoor / harsh environment builds
- ▶ Shade, HVAC, and BMS control bridges
- ▶ Custom form factors for any application

## WHEN TO SPEC IT

- ◆ **Non-Standard Integration Needs**  
Your lighting system needs to talk to something that has no off-the-shelf gateway solution.
- ◆ **Challenging Environments**  
Outdoor, wash-down, or classified spaces where standard enclosures aren't rated for the job.
- ◆ **Cross-System Control**  
Shades, HVAC, AV, and lighting all need to play nicely — and nothing standard makes them.