



Custom UL 508A listed exterior lighting control cabinets for the Lafayette multi-building development. Centralized automatic switching of exterior and site lighting using mechanically-held contactors, astronomic timeclock, photocell sensing, and manual bypass. Five configurations match the load requirements of each lot and building.

KEY FEATURES

- ✓ UL 508A listed — factory assembled, wired, labeled, and tested
- ✓ GE mechanically-held lighting contactors — 30A, 277V coil, latching design
- ✓ Intermatic ET2825CR astronomic timeclock — 7-day/365-day, 14-hr battery backup
- ✓ Intermatic K4236C exterior photocell — 120/277V, stem mount, fail-on
- ✓ Hubbell 1221W photocell bypass switch — door-mounted for maintenance
- ✓ Hammond Eclipse NEMA 3R/4/12 enclosure — hinged lockable door
- ✓ Dual control: Photocell + Timeclock OFF (scheduled) and Photocell-only (dusk-to-dawn)
- ✓ Power failure-safe — contactors hold last state; timeclock retains schedule
- ✓ SCCR rated per UL 508A — labeled on enclosure
- ✓ 3-year limited warranty · Lead time: 2–4 weeks

SPECIFICATIONS

Enclosure	Carbon steel, ANSI 61 gray, NEMA 3R/4/12	Supply Voltage	277/480V, 3Ø, 4-wire
Contactors	GE CR463L, 30A/pole, 277V coil, modular	Control Voltage	277VAC (line-to-neutral)
Power Poles	GE CR460XP32, 2-pole add-on modules	Wire Range	14–8 AWG, 75°C copper
Timeclock	Intermatic ET2825CR, 30A DPST	Conductors	THHN/THWN, 90°C; #12 AWG min branch
Photocell	Intermatic K4236C, 120/277V	Temp Range	-40°F to +131°F (-40°C to +55°C)

MOUNTING

Surface mount to exterior wall. Photocell: roof mount, north-facing, with conduit to cabinet. All exterior equipment painted to match wall. Install above base flood elevation. Maintain NEC 110.26 clearances.

ORDERING INFORMATION

Part Number	Description
CUST-PNL-LAFL0T2-BLDG1	Lot 2, Bldg 1 — 5 contactors, 28 switched poles, 30×24×8 in.
CUST-PNL-LAFL0T2-BLDG2	Lot 2, Bldg 2 — 3 contactors, 12 switched poles, 24×24×8 in.
CUST-PNL-LAFL0T5-BLDG1	Lot 5, Bldg 1 — 4 contactors, 24 switched poles, 24×24×8 in.
CUST-PNL-LAFL0T5-BLDG2	Lot 5, Bldg 2 — 2 contactors, 8 switched poles, 24×24×8 in.
CUST-PNL-LAFL0T8-BLDG1	Lot 8, Bldg 1 — 4 contactors, 24 switched poles, 24×24×8 in.

UL 508A

NEMA 3R

Nuvospec

www.nuvospec.com

sales@nuvospec.com

(512) 615-9002