

Shown above: Power booster (NGRX-PB-CE-WH)

Direct lighting loads

- Incandescent/halogen
- Magnetic low-voltage
- Tu-Wire® Fluorescent
- Neon/cold cathode
- CFL/LED (screw-base)*

Operating voltages

- Models available for 220-240V, 230V(CE) or 100V @ 50/60Hz input power

Features and capacities

- Provides capability for a zone on a control unit to control a larger load
- Allows the zone to dim or switch a fully-loaded circuit of lighting
- Dims most popular lighting sources and load types
- For 120V application, phase-adaptive power module is recommended, see pg. 514
- Two power boosters may be used on a zone to double the capacity
- For indoor use only

Dimensions and mounting

- Width: 4.57 in (116 mm)
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Depth: 1.88 in (48 mm)
Profile: 0.69 in (17 mm)
- Can be surface or recess-mounted
- Mount in 2-gang U.S. wallbox 3.50 in (89 mm) deep
- Requires incoming power feed wires and outgoing load wires
- Approved and listed for installation in spaces designed for environmental air handling per 2011 NEC® article 300.22 (c)

* Visit www.lutron.com/LEDtool for a complete list of LEDs compatible with this booster.

[Download specification submittal](#)

Communication and wiring

- Separate neutrals are required for load circuit—no common neutrals
- The load breaker/MCB may be on a different phase than the control breaker/MCB
- The power module may be on the same circuit as the control unit only if the total load does not exceed the rating of the breaker

Model numbers

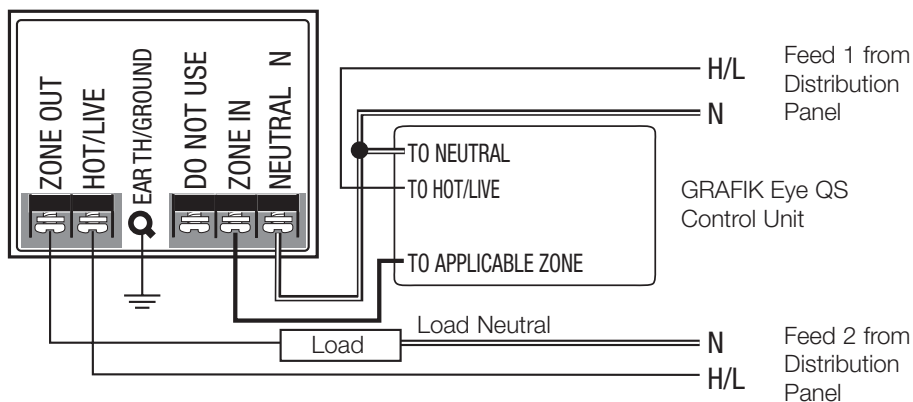
Boosters

Power Booster 220-240V 2400W/VA	NGRX-PB-AU-WH
Power Booster 230V(CE) 1200W/VA flush mount with faceplate	NGRX-PB-CE-WH
Power Booster 230V(CE) 1840W/VA surface mount without faceplate	NGRX-PB-CE-WH
Power Booster 100V 1600W/VA for Japan	NGRX-PB-JA-WH

Compatible with GRAFIK Eye® QS, GRAFIK Eye QS with EcoSystem®, Energi Savr Node™ phase adaptive (DIN-rail), GP dimming panel, LP dimming panel, LCP128 or CCP panel with dimming, adaptive dimming and/or electronic low-voltage module, HomeWorks QS wallbox power module, HomeWorks QS remote power panel with dimming and/or adaptive dimming module, HomeWorks QS spec grade panel and HomeWorks QS phase adaptive power module (DIN-rail).

Dual-feed wiring diagram for NGRX-PB 100V, 120V and 220–240V

NGRX-PB-WH



For 230V wiring and single-feed wiring, see the specification submittal on www.lutron.com