NORALIGHTING.

Type

Project

Catalog No.

Lamp/Wattage

# NA-277
# 277V to 120V Step Down Transformer

## PRODUCT DESCRIPTION
Nora's step down transformer is an accessory offered to take 277V supply voltage and reduce it to 120V. The transformer is installed by a qualified electrician on a supply junction box before the 120V load.

## FEATURES
- Allows 120V products to be supplied by higher voltages
- Simply mounts to junction box using standard knockout
- Dimmable

## ELECTRICAL
**NA-277**
Steps 277 volts line voltage down to 120 volts. Attaches to knockout on first fixture's junction box in a circuit and is 300VA, 150VA or 50VA rated. NA-277 is a UL Recognized component. To calculate usable load, de-rated by 25%.

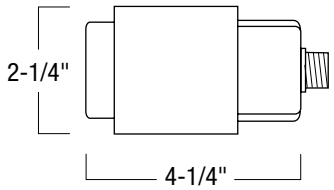
**Dimming - Primary Side**
Dimming on the primary side must be done with a 277V low voltage magnetic dimmer.

**Dimming - Secondary Side**
Dimming on the secondary side (120V) must be done with a recommended compatible dimmer for the secondary load type.

**Minimum Clearance**
Must be a minimum of 3" from thermal insulation and 1/2" from adjacent building components

**Labels and Listings**
UL Recognized

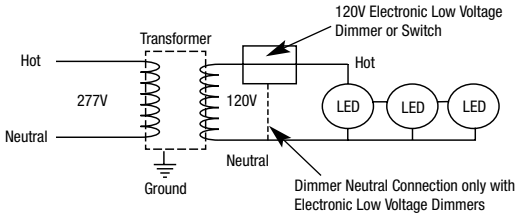
## DIMENSIONS



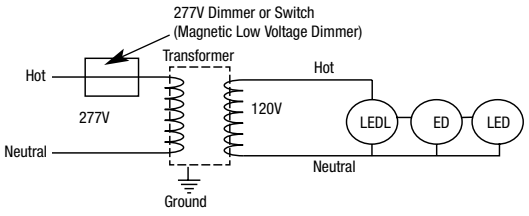

Width: 4-1/4"
Height: 2-1/4"

## DIMMER WIRING DIAGRAM

### Transformer with Dimmer / Switch on Secondary
(Use recommended compatible dimmer for secondary load.)
Sample Wiring Diagram for Nora LED Diamond series




### Transformer with Dimmer / Switch on Primary
Sample Wiring Diagram for Nora LED Diamond series




Dimmer or Switch may be on the Primary (277V) OR Secondary (120V) side of the transformer.

## 277V to 120V Step Down Transformer

- ☐ **NA-277/300:** 300W 277V/120V Step Down Transformer
- ☐ **NA-277/150:** 150W 277V/120V Step Down Transformer
- ☐ **NA-277/100:** 100W 277V/120V Step Down Transformer
- ☐ **NA-277/50:** 50W 277V/120V Step Down Transformer


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