

Tools Required:

- Medium flat head screwdriver

Overview:

Input Voltage: 120V AC
Output Voltage: 12-15V AC
Controllability: Non-dimmable
Weight: 13.0 lbs.
Max Rating: 300W

Notice to Installer:

1. 300W magnetic landscape transformer. 120V AC - 3A maximum primary voltage. Multi-volt secondary up to 15V. Large secondary connection block for easy wiring. Standard with mandatory secondary protection. Supplied with six (6) feet of the primary line cord. Timer and photocell ready (by others).
2. 120V AC input voltage only.
3. 12V AC output voltage required for use with BEGA Home and Garden luminaires.
4. Power to the transformer can be supplied using either, included (6) foot 120V AC outlet plug or, 120V AC supply wiring run from a remote location.
5. Transformer must be mounted a minimum of (1) foot above grade.
6. Always start by using the 12-volt tap. Higher voltage will burn out light prematurely.
7. Do not exceed rated wattage on the transformer. Internal circuit breaker will automatically shutdown if the total lamp wattage exceeds the rated maximum of 300W.
8. Use [Figure 2] to estimate approximate max run length (ft) before voltage drop.

Installation:

1. Turn off main power before installation.
2. Fix transformer to a wall or structure using suitable mounting hardware (by others).
3. If supply wiring is run to the transformer, make 120V AC supply wiring connections inside the transformer:
MAIN VOLTAGE SUPPLY WIRE TO TRANSFORMER HOT (BLACK)
NEUTRAL (COMMON) SUPPLY WIRE TO TRANSFORMER NEUTRAL (WHITE)
GREEN GROUND WIRE TO TRANSFORMER GROUND (GREEN)
4. Connect neutral (common) wires from lighting and connect to the block labeled "COM #1", located on the secondary connection block. [Figure 1]
5. Connect HOT lead(s) to block labeled "TAP1 12V".
6. Turn on main power.

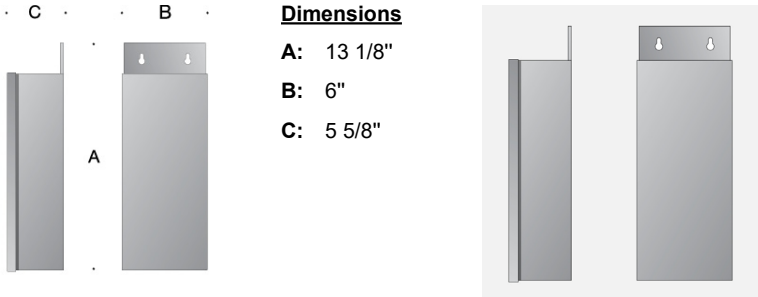


Figure 1: Install Diagram

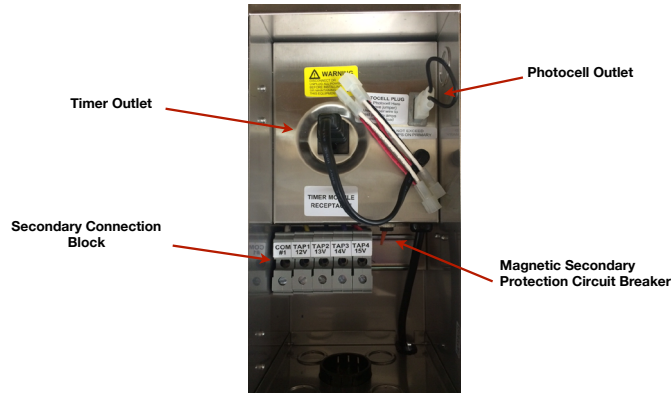


Figure 2: Voltage Drop Chart

| Total System Watts | | | | | | | | | | | | | |
|--|----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|
| Wire Size (AWG) | | 5W | 10W | 15W | 20W | 30W | 40W | 50W | 60W | 70W | 80W | 90W | 100W |
| | 18 | 366 | 183 | 122 | 92 | 61 | 46 | 37 | 31 | 26 | 23 | 20 | 18 |
| | 16 | 585 | 293 | 195 | 146 | 98 | 73 | 59 | 49 | 42 | 37 | 33 | 29 |
| | 14 | 928 | 464 | 309 | 232 | 155 | 116 | 93 | 77 | 66 | 58 | 52 | 46 |
| | 12 | 1477 | 739 | 492 | 369 | 246 | 185 | 148 | 123 | 106 | 92 | 82 | 74 |
| | 10 | 2353 | 1177 | 784 | 588 | 392 | 294 | 235 | 196 | 168 | 147 | 131 | 118 |
| | 9 | 2953 | 1403 | 935 | 701 | 468 | 351 | 281 | 234 | 200 | 175 | 156 | 140 |
| | 8 | 3724 | 1769 | 1179 | 884 | 590 | 442 | 354 | 295 | 253 | 221 | 197 | 177 |
| Maximum run length (ft) before a 2V drop | | | | | | | | | | | | | |

Accessories

Please refer to the appropriate accessory installation sheet for further instruction when applicable.

Maintenance:

Clean regularly with solvent-free cleaner removing dirt and debris. Do not use high pressure cleaners.

Replacement Parts

Consult factory

Product Safety Warnings:

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED. SUITABLE FOR WET LOCATIONS.

MIN 90°C SUPPLY CONDUCTORS.

CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHÉRENTS. CONVIENT AUX EMPLACEMENTS MOUILLÉS.

LES FILS D'ALIMENTATION 90°C MIN.