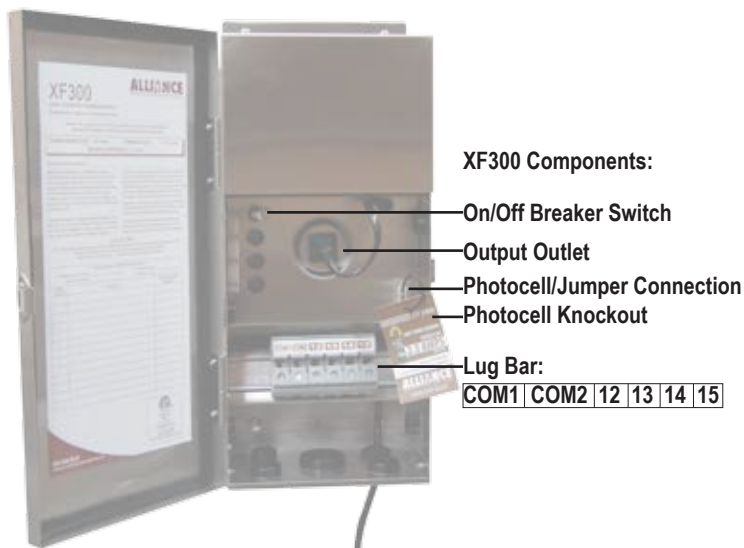


**IMPORTANT! THE XF300 IS A 300 WATT, 12 VOLT TRANSFORMER. THE TOTAL WATTAGE CAN NOT EXCEED 300 WATTS.**



## MOUNTING THE XF300:

1. Choose the best location on any rigid vertical wall, make sure that the wiring compartment points down.
2. Use the mounting template provided to mark the holes for the mounting screws.
3. Install the Mounting Screws and place the transformer using the two keyholes.
4. Remove the knockouts for the input, output and the photocell wiring (if you are using a photocell).

## OUTPUT CONNECTION:

1. The multi - tap outdoor transformer has 4 output taps: 12V, 13V, 14V, 15V.
2. Don't short circuit one tap to another.
3. Bring the 12V lamp wires in through an open knockout
4. You can connect the load in any combination of taps as long as the total loading doesn't exceed 300W.
5. When connecting to output terminal block, remove insulation from the wire cautiously so as to not cut off strands of the wire.
6. After removal of insulation, braid the strands of the lead wires and make sure they are fully inserted in to the terminal block.
7. The screws of the terminal blocks should be secured well.
8. Always connect one strand of the load to a COM and the other strand to a voltage tap. Check voltage at the first and last lamp of each run. Voltage should be between 10.8V and 12V for Halogen lamps, between 8V and 24V for LED lamps. For voltage drop control see table 1.

## INPUT CONNECTION:

This transformer is configured with a line cord for easy input connection and is designed for use with 120V 60Hz power only.

## PHOTOCELL CONNECTION:

1. Remove knockout for the Photocell
2. Insert the Photocell from the outside of the steel casing through the knockout.
3. Secure the photocell with the provided locking nut.
4. Remove jumper and replace it with the photocell connection.

**PLEASE NOTE: THE TRANSFORMER WILL NOT OPERATE IF A JUMPER OR PHOTOCELL IS NOT CONNECTED.**

AMP PROBE READING SHOULD SAY:

**2.5 AMPS OR LESS**

TABLE 1

WATTAGE	12V OUTPUT				13V OUTPUT				14V OUTPUT				15V OUTPUT			
	14 #	12 #	10 #	8 #	14 #	12 #	10 #	8 #	14 #	12 #	10 #	8 #	14 #	12 #	10 #	8 #
50W	81	81	204.5	317	135.5	216	340	528	190	303	477	740	244	390	613	950
100W	40.6	65	102	158	68	108	170	264	95	151	238.5	370	122	195	307	475
150W	27	43	68	105	45	72	114	176	63	101	159	246	81	130	204.5	317
200W	20	32	51	79	34	54	85	132	47.4	75.5	120	185	61	97	153	237
250W	16.3	26	41	63.4	27	43.3	68.2	105.6	38	60.6	95.4	148	48.8	78	123	190
300W	13.5	21.6	34	52.8	22.6	36	56.8	88	31.6	50.5	79.5	79.5	40.6	65	102	79.5