Installation Instructions for

Turbo Column

700OCTUR_   1.5

TECH LIGHTING®
OUTDOOR

GENERAL PRODUCT INFORMATION:
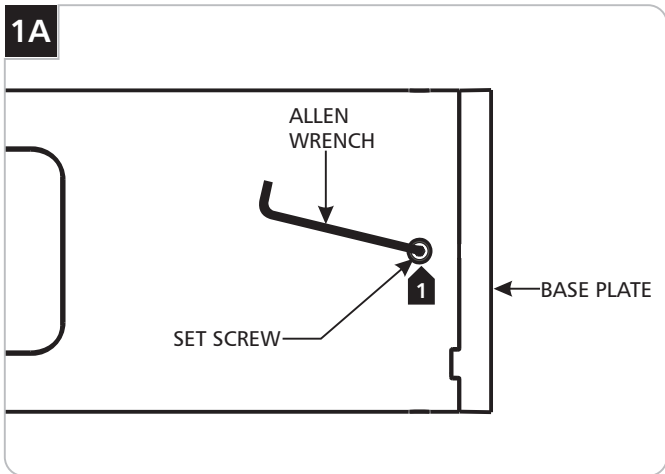
ETL
c LISTED us
Intertek

This product is suitable for wet locations.

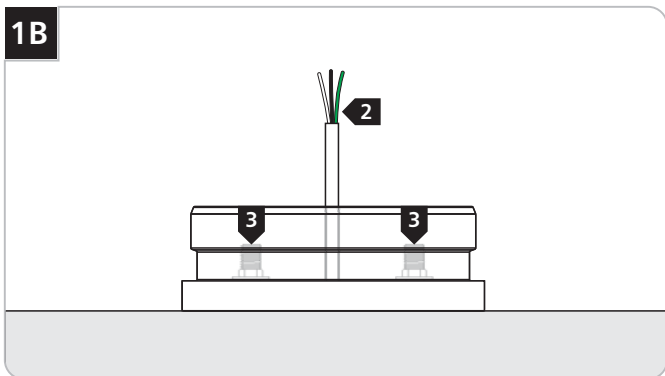Refer to the product specsheet for dimming information.

CAUTION - RISK OF FIRE
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.
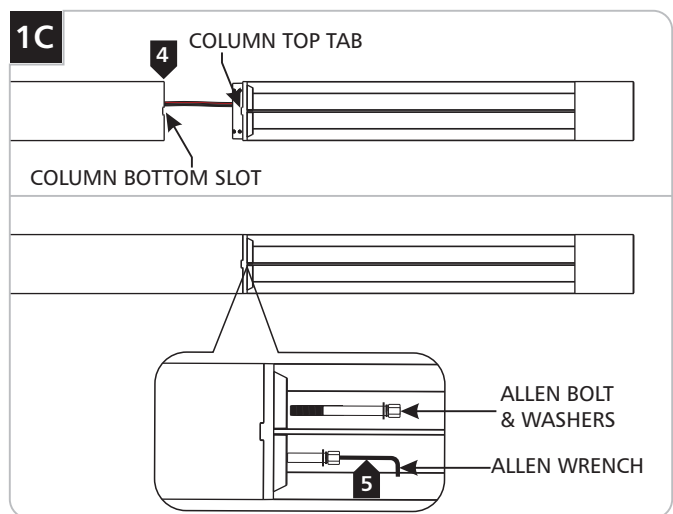Use minimum 90°c supply conductors.

Install the Column

1A

ALLEN WRENCH

1

SET SCREW

BASE PLATE

1 ▶ Loosen **(Do Not Remove)** the four set screws on column base with the provided Allen wrench and remove the base plate.
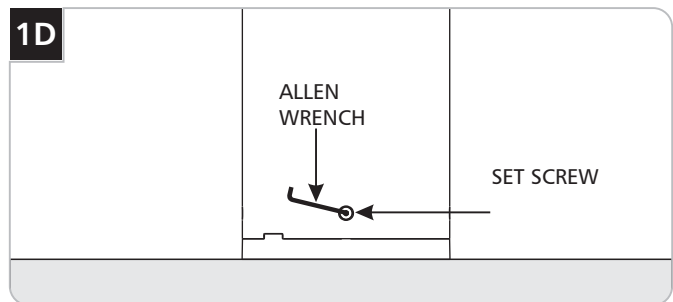
1B

2

3   **3**

2 ▶ Bring the power wires to the fixture location in accordance with local electrical codes.

3 ▶ Mount the base plate to an even and smooth surface using the provided template on page 3.
NOTE: anchor/lag bolts, nuts, and washers not provided.

1C   COLUMN TOP TAB

4

COLUMN BOTTOM SLOT

ALLEN BOLT & WASHERS

ALLEN WRENCH

5

4 ▶ Align the tab on the column top to the slot in the column base, insert the fixture wires into the column base, and assemble them together.
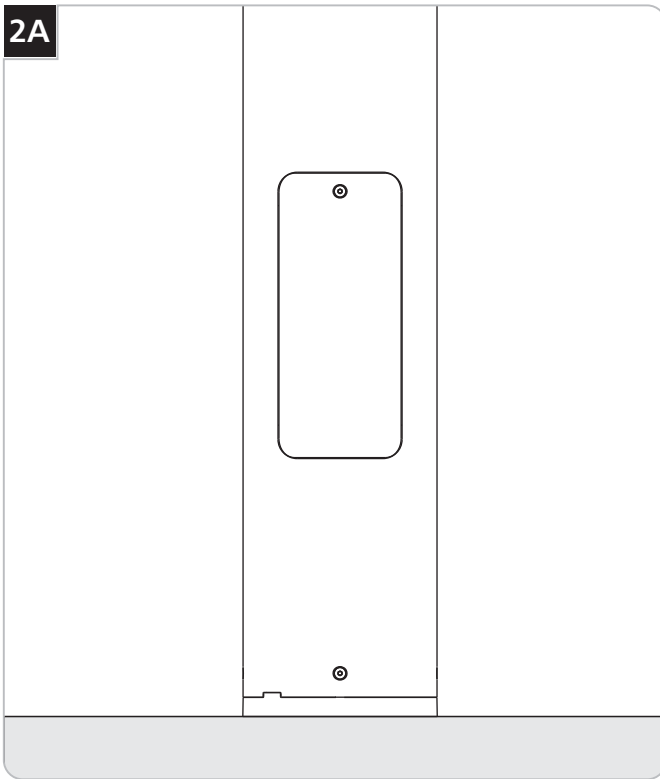
5 ▶ Secure them together by installing the Allen bolts and washers with the provided Allen wrench.

1D

ALLEN WRENCH

SET SCREW

6 ▶ Carefully install the column assembly onto the base plate and secure it in place by tightening all 4 set screws.
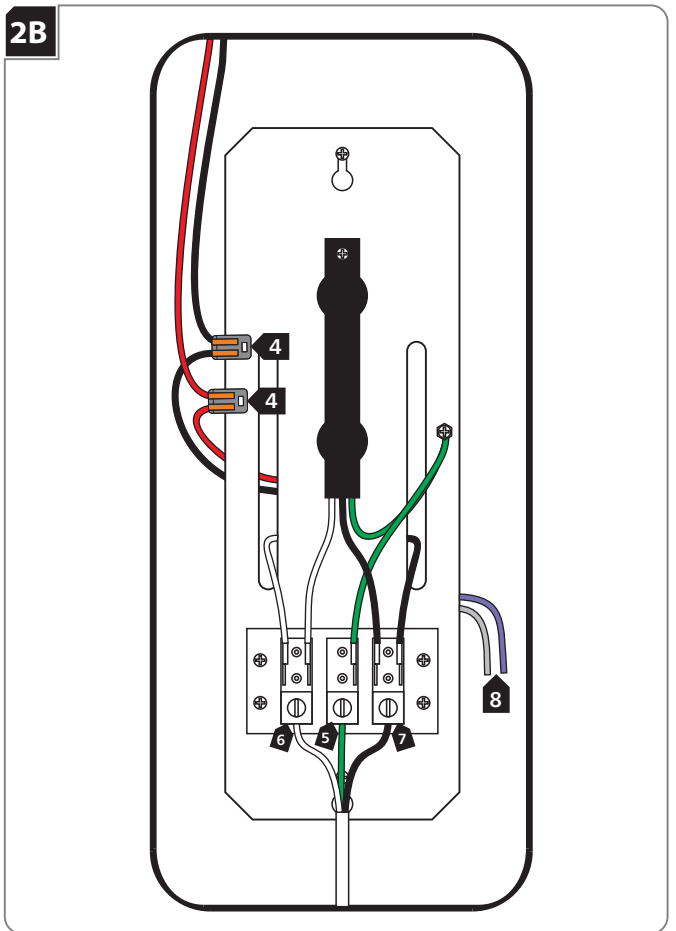
Wire the Column

1 ▸ Loosen **(Do Not Remove)** the access panel set screw on column base with the provided Allen wrench.

2 ▸ Pull away the top of the access panel and lift it completely out the column base.

3 ▸ Power the fixture using the following steps or wiring diagrams according to the options included with the fixture.
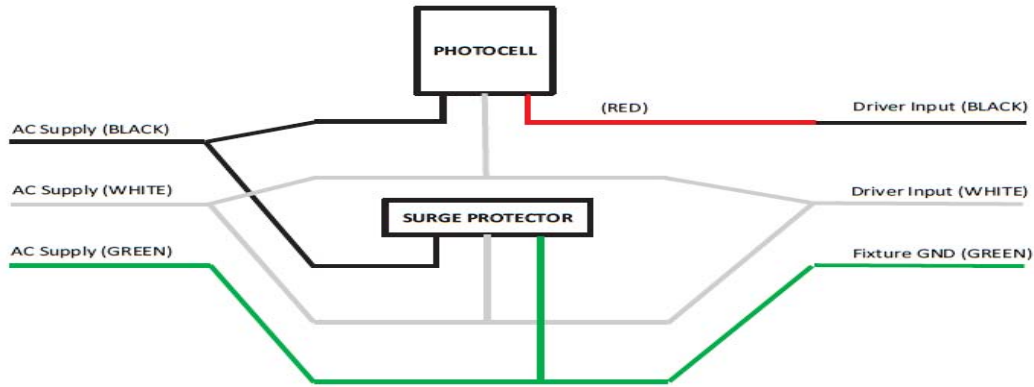
> For Standard options, go to step 2B.
> For Photocell/Surge options, go to step 2C.
> For In-line Fuse/Surge options, go to step 2D.
> For Photocell/In-line Fuse/Surge options, go to step 2D.

2B

4 ▸ Connect the red and black wires from the column top respectively to the red and black wires in the column base by inserting them into an open port in wire connectors. Close the levers to lock the wires in place.

5 ▸ Connect the fixture to a suitable ground in accordance with local electrical codes.

6 ▸ Connect the neutral power line wire to terminal block connected to the white wires.

7 ▸ Connect the hot power line wire to terminal block connected to the black wires.

8 ▸ Use the gray and purple dimming wires for 0-10v dimming application (if not in use, make sure to cap these wires off).

9 ▸ Reinstall the access panel (reversal of section 2A).

> **Warning:** The purple and gray wires are only used for 0-10v dimming. For all other applications, do not connect the gray and purple wires.

2C

PHOTOCELL

AC Supply (BLACK)
AC Supply (WHITE)
AC Supply (GREEN)

(RED)

SURGE PROTECTOR

Driver Input (BLACK)
Driver Input (WHITE)
Fixture GND (GREEN)

9 ▷ Use the gray and purple dimming wires for 0-10v dimming application (if not in use, make sure to cap these wires off).

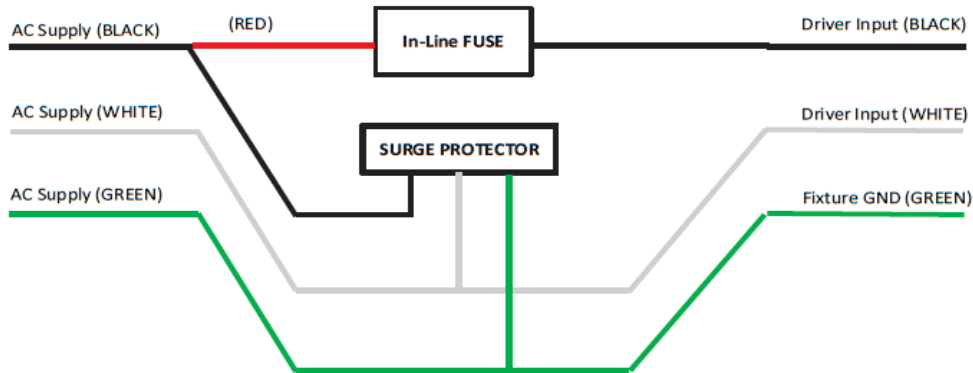**10** ▷ Reinstall the access panel (reversal of section 2A).
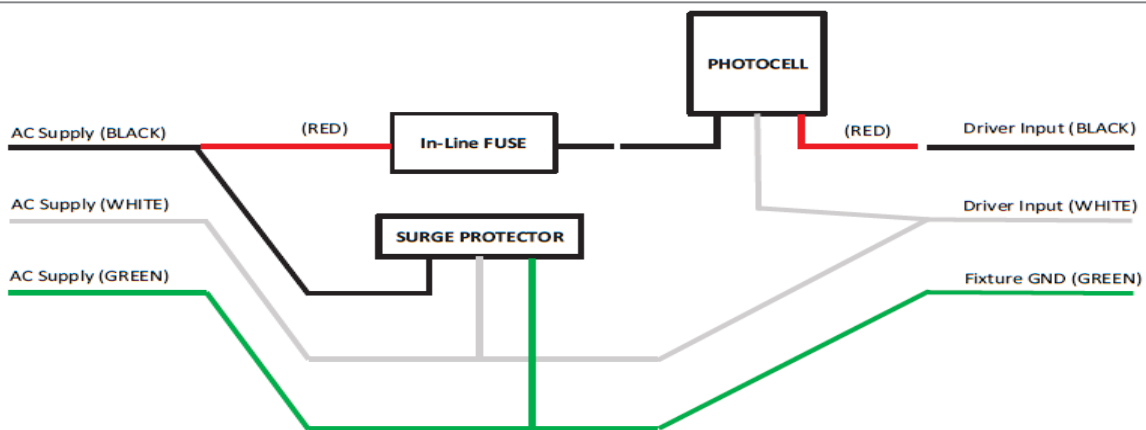
Note for Photocell equipped fixtures: at initial power up, the photocell must calibrate which will cause the fixture to cycle on/off for a moment.

2D

AC Supply (BLACK)   (RED)
AC Supply (WHITE)
AC Supply (GREEN)

In-Line FUSE

SURGE PROTECTOR

Driver Input (BLACK)
Driver Input (WHITE)
Fixture GND (GREEN)

11 ▷ Use the gray and purple dimming wires for 0-10v dimming application (if not in use, make sure to cap these wires off).

12 ▷ Reinstall the access panel (reversal of section 2A).

Note for In-Line Fuse equipped fixtures: in the case that the fixture is not operating correctly, make sure to check the fuse.

2E

PHOTOCELL

AC Supply (BLACK)   (RED)
AC Supply (WHITE)
AC Supply (GREEN)

In-Line FUSE

SURGE PROTECTOR

(RED)   Driver Input (BLACK)
Driver Input (WHITE)
Fixture GND (GREEN)

12 ▷ Use the gray and purple dimming wires for 0-10v dimming application (if not in use, make sure to cap these wires off).
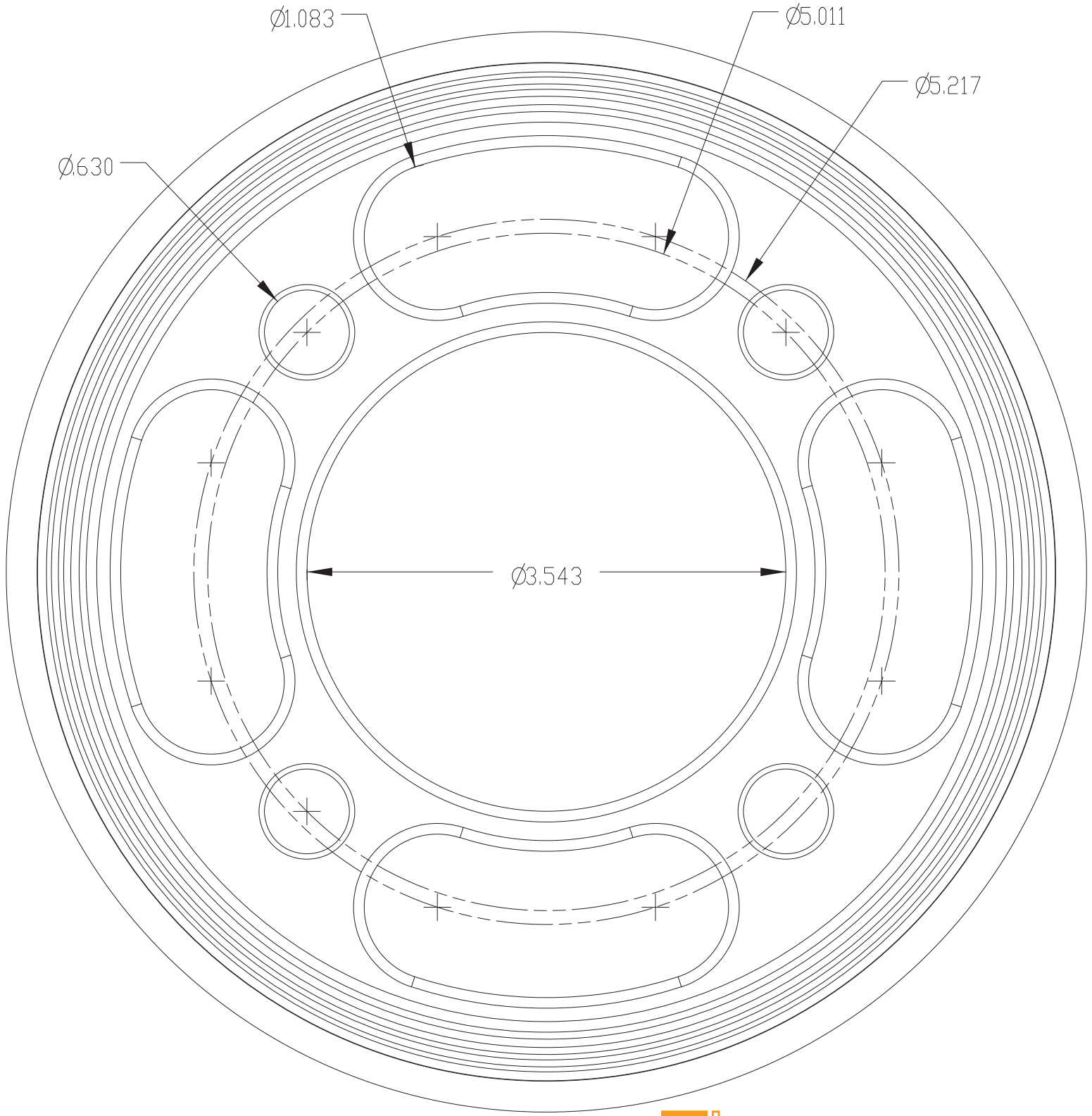
13 ▷ Reinstall the access panel (reversal of section 2A).

Note for In-Line Fuse equipped fixtures: in the case that the fixture is not operating correctly, make sure to check the fuse.

Note for Photocell equipped fixtures: at initial power up, the photocell must calibrate which will cause the fixture to cycle on/off for a moment.

TURBO COLUMN MOUNTING PLATE TEMPLATE

WARNING: If printing this template, ensure printer settings are set to actual size.

Ø1.083

Ø5.011

Ø5.217

Ø.630

Ø3.543

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