

# MAXILITE MFG ASSEMBLY INSTRUCTIONS

## (MXL6643) W/ Bottom White Lens & Top Clear Lens

1. Read these instructions and review the diagram before beginning. All electrical connections must be in accordance with local codes, ordinances or the National Electrical Code.
2. Before starting the installation, disconnect the power by turning off the circuit breaker or by removing the fuse at the fuse box. Turning the power off using the light switch is not sufficient to prevent electrical shock. These instructions are not meant to cover all possible conditions that may occur, it must be understood that common sense, caution and care should be used.

### Prepare the Fixture (First turn off electricity)

3. If you are replacing an existing fixture, disconnect and remove the old fixture and expose the supply wiring from the outlet box.
4. Unpack fixture, remove canopy mounting bracket. Position canopy mounting bracket on wall with screws on top, feed power wires through center hole or drill new hole if required. (Use appropriate wire Grommet to prevent wire from being cut) Secure to wall with appropriate anchors.
5. Use the below wiring diagram for connecting Power Supply & dimming control wires.
6. Pivot the bottom of the canopy under the canopy mounting bracket and rest canopy on top of canopy mounting bracket, install screws.

### Electrical connections

8. Connect the white wire(s) from the fixture to the white wire of the supply circuit and connect the black wire from the fixture to the black wire of the supply circuit. If your fixture is supplied with an SPT cord, connect the half of the SPT cord that has a ribbed surface to the white wire of the supply circuit. Connect the smooth half of the wire (the half with markings) to the black wire of the supply circuit. No loose strands or loose wires should be present.

#### 18-9 Cord

Black	<b>120V Down Light Driver</b>
Red	120V Up Light Driver
White	Neutral 120V Both Drivers
Green	Ground

#### Fixture Wire Location

Black on Driver
Black on Driver
White on Both Drivers
Fixture Body

#### Down Light 0-10V Dimming

Violet	<b>0-10V Dimming Down Light Driver (+)</b>
Brown	<b>0-10V Dimming Down Light Driver (-)</b>

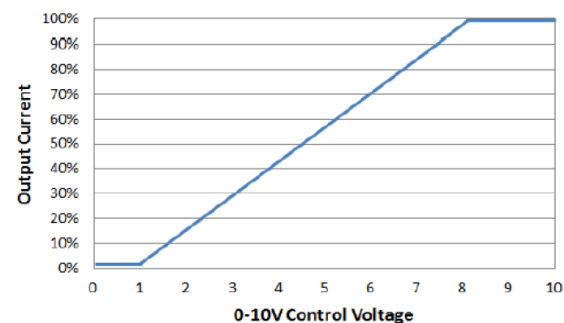
Violet on Driver
Gray on Driver

#### Up Light 0-10V Dimming

Blue	0-10V Dimming Up Light Driver (+)
Orange	0-10V Dimming Up Light Driver (-)

Violet on Driver
Gray on Driver

#### Output Current Dimming Curve



#### 0-10V Analog Dimming Interface

Dimming Control  
 or connection to 0-10VDC.  
 I<sub>v</sub> = minimum output  
 I<sub>v</sub> other provides min. light output.  
 I<sub>v</sub> separately provides 100% light output.  
 I<sub>v</sub> wired as a Class 2 Circuit.  
 I<sub>v</sub> minimum of 200uA for control needs.  
 I<sub>v</sub> dependent from the 0-10V control leads.

