

Wiring Instructions for 86/221 and 86/223 Photocells with LED Post Top CCT Selectable

86/221 when wired at 120-277V Fits 65/890, 65/891, 65/892, 65/893, 65/894

86/223 when wired at 277-347V Fits 65-890, 65/891, 65/892, 65/893, 65/894

Warning: Turn off electrical power at the fuse or circuit breaker box before wiring the photocell to the Area light.

Verify the input supply voltage is correct by comparing it with the Photocell And Post Top label information.

Step 1: Remove the round photocell cover plate by removing the two machine screws and install the photocell socket with provided (2) machine screws. **Fig 1 & Fig 3.**

Step 2: to integrate the photocell wiring; Open the Fixture wiring compartment located on top of the fixture by removing the four plastic covers and the 3/16 Hex machine screws, **Fig 2.**

Step 3: Separate the two black wires from the Quick connector; (re-use the two port Quick connectors) and identify the two black wires, one leading to the LED Driver and the second to the AC input, leading from the mount arm input wire whip **Fig 4.**

Step 4: Connect the (Load) Red wire from the photocell to the (Line) Black wire leading from the LED Driver. **Fig 5.**

Step 5: Connect the (Line) Black wire from the photocell to the (Line) Black wire leading from the mount arm input wire whip. **Fig 6.**

Step 6: Remove the second Quick connector from the two (Neutral White wires) **Fig 7,** Leading from the AC input and the LED Driver, reconnect to the two (Neutral) white wires Plus, the (Neutral) white wire leading from the photocell, (a 3-port connector, or a large wire connector is required) **Fig 8.**

Step 7: Now the wiring is complete, install the photocell to the photocell socket and ensure the photocell is secure properly by turning clockwise.

Step 8: If using 0-10V dimming control connect the positive (Purple +) to the (Purple DIM +) and the Pink to the (Pink DIM-).

Step 9: Restore power at the fuse or circuit breaker box; Now the installation is complete.

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