

LevNet RF™ Lighting Timer with Daylight Hold Off

Product: LevNet RF Energy Harvesting with Wireless Protocol Solutions (WSTxx, WSCPC), Leviton 6124H-W Electronic Timer Switch **Article ID:** 09142012-JE/TB-01

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Summary: This article explains how to program LevNet RF Energy Harvesting with Wireless Protocol transmitters and receivers to control lights with a timer and hold the lights OFF if there is sufficient natural light in the space.

Information: **Application Explanation:**
The lighting timer with daylight hold-off behavior controls lighting with a timer instead of an occupancy sensor, but still switches lights OFF when sufficient natural light is present. Common applications for this behavior include the front lobby of a business or a merchandise display area.

To program a lighting timer for daylight hold off applications, perform the following:

1. Connect the relay receiver (WSTxx) to the lighting load.
2. Connect the timer switch (Leviton 6124H) to power.
3. Connect the light sensor (WSCPC) to the timer switch. The white wire from the light sensor connects to neutral, and the black wire from the SLT connects to the blue wire of the timer switch.
4. Program the timer switch for the desired behavior.
5. Link the light sensor to the relay receiver in Mode 1 as a master switch by pressing the TEACH button on the light sensor twice within 3 seconds.
6. Programming complete. When the timer switch is on, the light sensor will send a signal to the relay receiver to turn on. If there is sufficient light, the light sensor will override this signal and hold the relay receiver off. Otherwise the relay receiver will be on or off according to the timer switch settings.

Note: A relay panel could be substituted in place of the timer switch.

Contact: If you have any questions or concerns, please call LES technical support at (800) 959-6004.