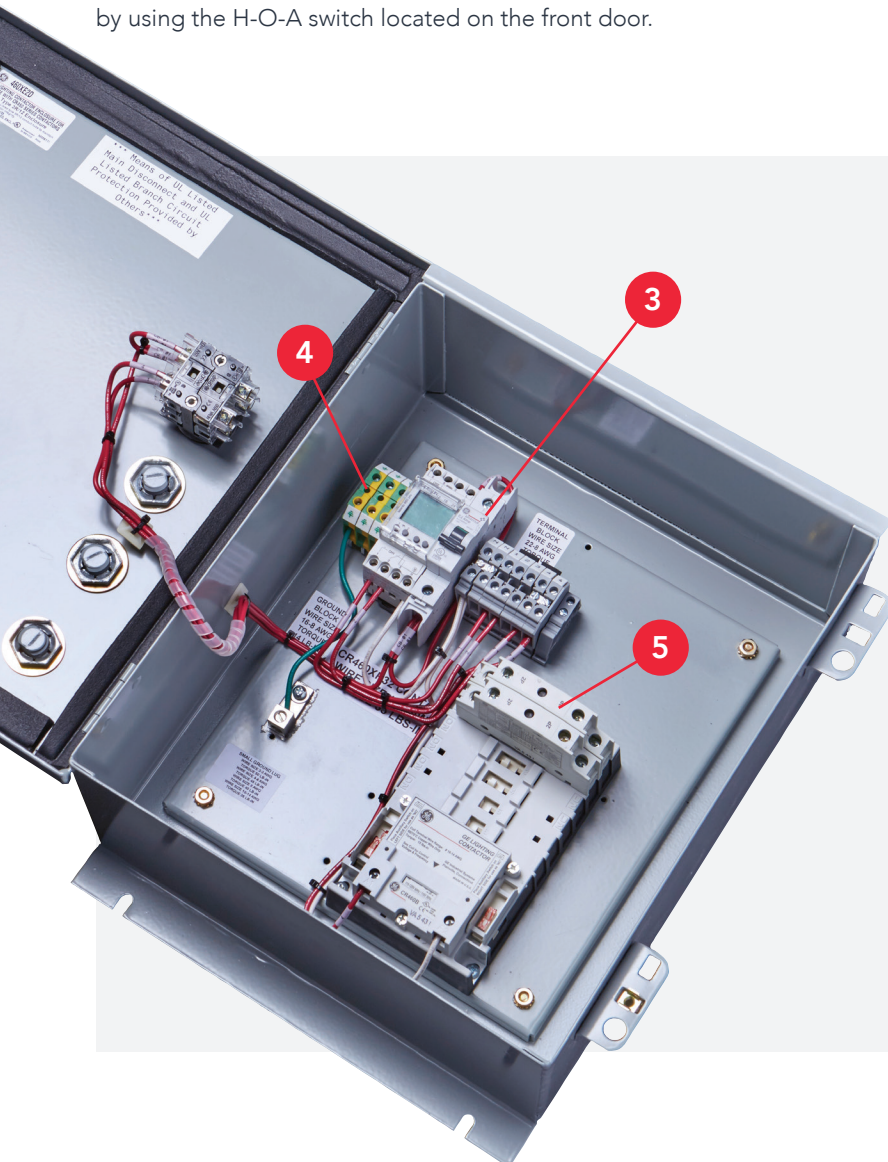




## MTI Product Number: **MTI-LP-641A**

The MTI area lighting control panel is designed for manual and automatic control of 4, 8, or 12 lighting circuits rated to 30 amps Ballast and 20 amps Tungsten type. This lighting control panel is designed to be used for area lighting controls such as parking lot lighting, building exterior lights, signs, security lighting, recreation lighting areas, and interior safety lighting. The MTI area lighting control panels allows for multiple ON/OFF cycles per day and different settings for each day of the week.

The model MTI-6-LP-641A area lighting control panel uses a combination of an astronomical time clock and a remote photocell signal to automatically turn on lights when the photocell indicates a need for lighting. The astronomical time clock will shut the lights off at a preset time. Multiple on/off operation settings per day are available as well as the ability to skip days of the week as required. The lights can be turned on and off manually without opening the front panel by using the H-O-A switch located on the front door.



- 1 Enclosure**  
Wall Mounted NEMA Type 12/3R Enclosure With Latching Device and Padlock Hole.
- 2 H.O.A. Selector Switch**  
GE Heavy-Duty 30.5 mm Watertight/Oiltight push button series CR104P.
- 3 Control Circuit Protection**  
GE UL 489 resettable 2 amp miniature circuit breaker rated at 10kA.
- 4 Connections**  
DIN Rail mounted terminal blocks that accept a wire range of 22-8 AWG.
- 5 Lighting Contactor**  
GE CR460 Series lighting contactor features a modular design that permits fast, on-site configuration and has 2 to 12 power poles that latch easily onto the base as either NO or NC.

## Photo Control ( Included ): Intermatic EK4736S

- Non-drift silicon light sensor with IR filter.
- DC relay with zero-crossing circuitry for extended life.
- 15 year design life
- Conformal coated PCB
- Exceeds 10,000 ON/OFF switching cycles.
- Ideal for single or multi-fixture HID and LED installations ( up to 1,650 W @ 277 VAC ).
- 255J MOV surge protection element.
- ½"-14 NPSM threaded stem fits standard outlet boxes and wall packs.

## Time Clock: Grasslin Talento 882

- Non-Volatile memory ( EEPROM )
- Weekday block formation
- Random switching
- External input
- PIN Code
- ASTRO-Function
- Weekly Program
- 2 Channels
- Switching state display
- Autom.summertime/wintertime changeover: automatic/ free selectable / OFF
- 12/24H time setting
- 400 memory spaces
- Backlight
- Hour counter with service function
- Shortest switching time: 1 min.
- Manual switch: Automatic / Override / Fix ON/OFF
- Sealable
- Holiday program
- Annual Program ( ON/OFF, pulse, cycle )

### Part Number: Configuration

MTI-LP-641A	POLES	VOLTAGE
MTI-LP-641A-4-120	4 NO	120V control voltage
MTI-LP-641A-8-120	8 NO	120V control voltage
MTI-LP-641A-12-120	12 NO	120V control voltage
MTI-LP-641A-4-277	4 NO	277 control voltage
MTI-LP-641A-8-277	8 NO	277 control voltage
MTI-LP-641A-12-277	12 NO	277 control voltage

NOTE: CUSTOM CONFIGURATIONS ARE AVAILABLE UPON REQUEST FROM THE FACTORY.



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