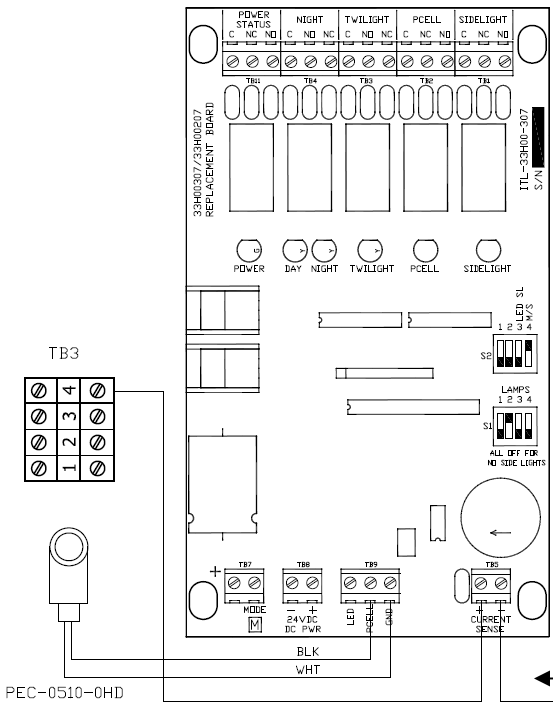


ITL-33H00-307

24VDC Photo Control & Current Sense Board

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The ITL-33H00-307 is a replacement 24VDC Photo Control & Current Sense Board for use in FG-3003, FG-3003B, FG-2003 & FG-2003B 24VDC Lighting Systems. The ITL-33H00-307 has been enhanced to work with LED side lights (RTO & LTE) in addition to incandescent. Additionally, the ITL-33H00-307 can be configured using DIP switches to work in both white systems (FG-2003 & FG-2003B) as well as dual red/white systems (FG-3003 & FG-3003B).

For use only with ITL Photocell PEC-0510-0HD.

← Cut red wire and install in TB5 as shown.

Features

- Replaces OEM P/N's 33H00207 (white) and 33H00307 (dual red/white).
- Utilizes ITL Resistive Photocell p/n PEC-0510-0HD.
- Capable of monitoring LED Obstruction Lights (Dialight RTO DC)
- Alarm Contacts (Form-C) provided for Power Failure, Photocell Alarm, and Side Light alarms.
- Status Contacts (Form-C) provided for day/night mode.
- MOV Surge Suppression on all alarm and status relay contacts.
- Clearly labeled DIP switches for selecting Number of Lamps, Master/Slave operation and LED Side Lights.
- Diagnostic LEDs clearly indicate status (yellow), alarms (red) and absence of alarms (green).

S2—Configuration DIP Switch	
1	Red Only System
2	Day Only System
3	LED Obstruction Lights
4	Master/Slave (ON=Master)

Indicator LEDs	
POWER	Green = Power Present (no alarm) Off = Power Failure Alarm
DAY	Yellow = Day Mode
NIGHT	Yellow = Night Mode
TWILIGHT	Not used
PCELL	GREEN = No Photocell alarm RED = Photocell alarm
SIDELIGHT	GREEN = No Side Light alarm RED = Side Light alarm

S1—Number of Lamps	
1	One Side Light installed
2	Two Side Lights Installed
3	Three Side Lights Installed
4	Four Side lights Installed
ALL OFF	No Side Lights Installed (FG-2003 or FG-2003B)

