

51 WINTHROP ROAD
CHESTER, CONNECTICUT 06412-0684
TELEPHONE: (860) 526-9504
FAX: (860) 526-4078

Wiring the 4800 OSC...

The following tables are designed to provide the installation technician with information necessary for a successful installation. **Tables 1 and 2** represent mandatory connections that must be performed in order for the 4800 OSC to function properly. **Tables 3, 4 and 5** provide the wiring connections for lightbars equipped with any of the options listed in these tables. If any of these options are not present, the appropriate wires should be capped to prevent any accidental wire grounding. **Table 6**, as described later, indicates the wire connections necessary for any 4800 OSC lightbars equipped with "4800ROTA" option. Please read the note located above Table 6, as this serves to clarify the wiring procedure specific to this particular option. **Table 7** indicates the necessary connections if your lightbar is configured with either the "RLC2" or "RLC2W" option. **IMPORTANT:** The outer surfaces of this product may be cleaned with mild soap and water. Use of any other chemicals may void product warranty. Do not use a pressure washer.

Table 1: Lamp Connections

Wire Color	Gage	Function
RED	14	POSITIVE CONNECTION: FRONT HALOGEN LAMPS (+12 VDC)
BLACK	14	NEGATIVE GROUND: FRONT HALOGEN LAMPS
RED/BLACK	14	POSITIVE CONNECTION: REAR HALOGEN LAMPS (+12 VDC)
WHITE/BLACK	14	NEGATIVE GROUND: REAR HALOGEN LAMPS

Table 2: Motor Connections

Wire Color	Gage	Function
VIOLET	18	NEGATIVE GROUND: ALL MOTORS
WHITE	18	POSITIVE CONNECTION: ALL MOTORS (+12 VDC)

Table 3: Alley Lamp Connections (If so equipped)

Wire Color	Gage	Function
BROWN	18	NEGATIVE GROUND: BOTH ALLEY LIGHTS
BLUE	18	POSITIVE CONNECTION: DRIVER SIDE ALLEY LIGHT (+12 VDC)
GREEN	18	POSITIVE CONNECTION: PASSENGER SIDE ALLEY LIGHT (+12 VDC)

Table 4: Take-Down Lamp Connections (If so equipped)

Wire Color	Gage	Function
WHITE	16	TAKE-DOWN LAMPS: POSITIVE (+12 VDC)
BLACK	16	NEGATIVE GROUND: TAKE-DOWN LAMPS

Table 5: Flasher Connections (If so equipped)

Wire Color	Gage	Function
YELLOW	16	FRONT FLASHERS: POSITIVE (+12 VDC)
ORANGE	16	REAR FLASHERS: POSITIVE (+12 VDC)
GREY	16	NEGATIVE GROUND: ALL FLASHERS

Note: The following table specifies connections for the “4800ROTA” option. This option is not available with the Flasher option. The wires indicated in the following table are the same wires that would be used for Flasher connections.

Table 6: Center-mounted Rotator Connections (Option 4800ROTA)

Wire Color	Gage	Function
YELLOW	16	POSITIVE CONNECTION: CENTER ROTATOR (+12 VDC)
GREY	16	NEGATIVE GROUND: CENTER ROTATOR

Note: The following table specifies connections for the “RLC2” and “RLC2W” options (Option RLC2W is not available with the Flasher option). The wires indicated in the following table are the same wires used Table 1.

Table 7: Rear Lamp Control Connections (Options RLC2 or RLC2W)

Wire Color	Gage	Function
RED	14	POSITIVE CONNECTION: OUTBOARD LAMPS (+12 VDC)
BLACK	14	NEGATIVE GROUND: OUTBOARD LAMPS
RED/BLACK	14	POSITIVE CONNECTION: INBOARD LAMPS (+12 VDC)
WHITE/BLACK	14	NEGATIVE GROUND: INBOARD LAMPS