



Hali-Brite®

Installation Manual



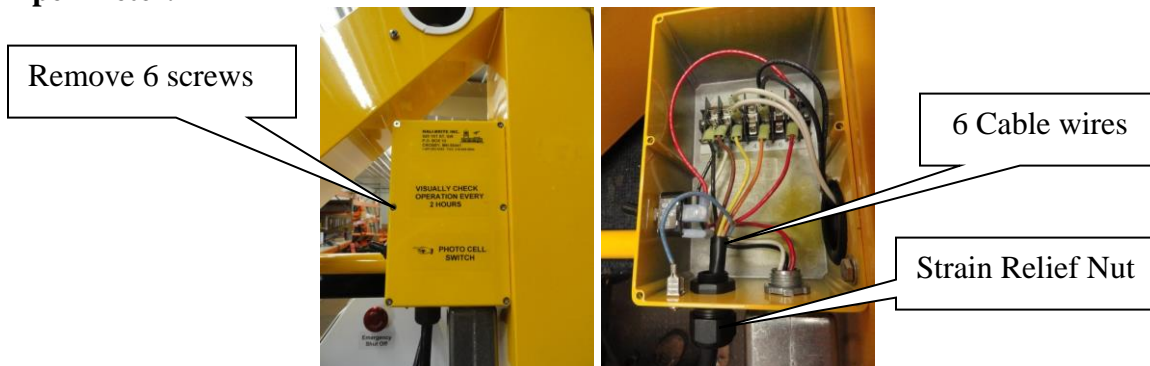
RCM-D LED Upgrade

Hali-Brite®, Inc.
1119 Madison St
Brainerd, MN 56401

1-800-553-6269
www.halibrite.com

RCM LED UPGRADE INSTALLATION PROCEDURE

1. Remove hairpin cotters from front right gate latch.
2. Extend lower right arm and center pull down arm. Lock in position with draw latch.
3. Unlatch transport draw catch and raise “X” assembly. Lock in vertical position.
4. Remove yellow junction box cover. Silicon sealer may have to be cut around perimeter.



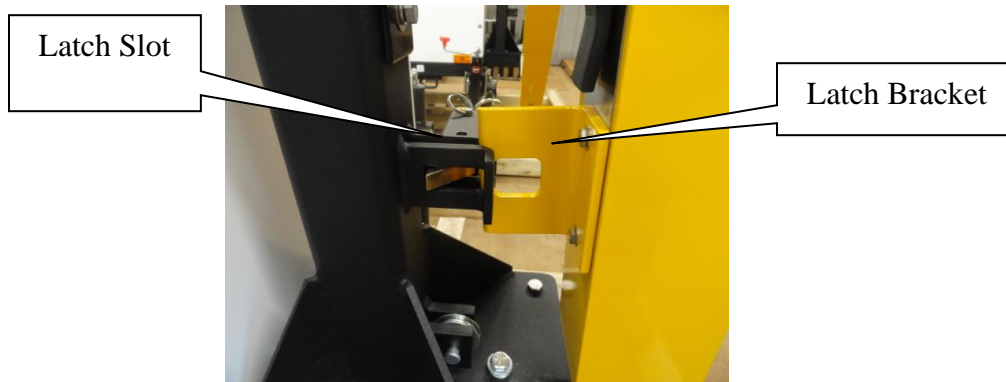
5. Loosen strain relief nut and remove 6 cable wires from terminal block and ground lug. Pull cable through strain relief.
6. Lower “X” assembly to horizontal position. Fold in and lock arms in closed position.
Note: 3 people required to remove and replace “X” assembly. One person to remove pivot rod while two people support “X” assembly.
7. Remove two $\frac{3}{4}$ ” nuts or shaft clamp from one end of pivot rod. Pull rod through pivot tubes while supporting both sides of the “X” assembly. Retain spacer washers.



8. Lift “X” assembly off and set aside.
9. Replace with new “X” assembly. Insert spacer washers while installing pivot rod.

10. Center pivot rod and install $\frac{3}{4}$ " washers and shaft clamp or $\frac{3}{4}$ " nuts. Jam 2nd $\frac{3}{4}$ " nut hard against first one.

11. Raise "X" assembly to vertical position and adjust position of latch bracket for center of latch slot and tighten.



12. Loosen strain relief nut on front of RCM.

13. Slide cable inside RCM cabinet.

14. Unplug power cable from twist-lock on control panel.

15. Remove mounting bolts holding heater assembly to frame.

16. Remove heater assembly and replace with new one.

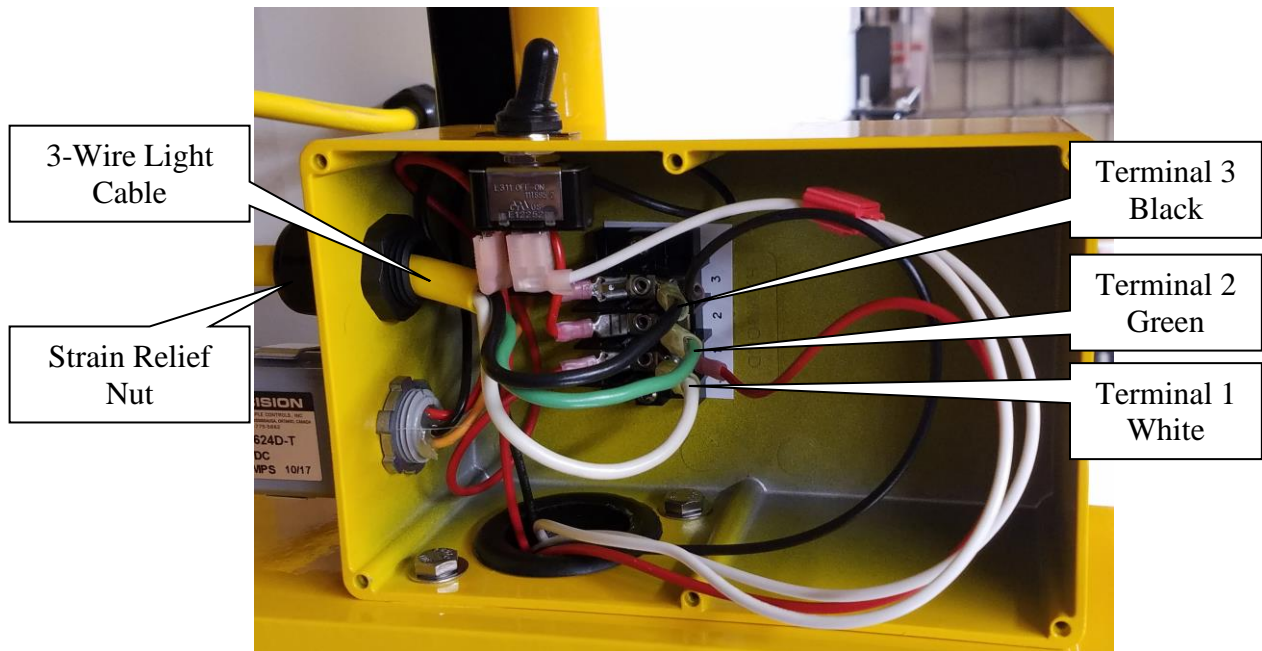
17. Plug 120V power cable from heater assembly into 120v outlet on control panel.

18. Plug twist-lock cable from heater into twist- lock outlet on control panel.

19. Route light cable through strain relief on front of RCM.

20. Replace wire tie on side of control panel to keep wires from contacting the heating elements.

21. Install 3-wire light cable and connect to terminal block.



22. Tighten strain relief nut on junction box. Seal junction box lip with silicone caulk and replace cover.

23. Lower "X" assembly. Adjust light cable allowing a little slack similar to photo below and tighten strain relief nut on front of RCM



24. Secure pull down arm end cap.



Pull Down
Arm End Cap

25. Adjust transport draw catch with lock nut.



Lock Nut