

NMNGMC Module Lights

Material required for 1 module:

1. 2 lamp fixtures: Samon's Center 037-046 American Lighting Black 3-lite track tree lamp \$24.99 + tax. (1 extra fixture remains unused)

NOTE: (*Samon's has changed this item, the lamp housing is shorter and the lamp will extend beyond the end of housing producing a unacceptable glare.*)

2. n:vision 14 Watt Spiral Daylight, 4 Pack Model 5M814455K \$8.97 + tax, Home Depot SKU 161=167

3. 4 feet ½" Black wire conduit: AutoZone "85634 Conduct Tite" ½" wire conduit \$ 2.99 + tax

4. 4 foot Steel rolled rod: Home Depot 1/4X4RNRDPLN 030699488902 \$3.88 + tax

5. 2 Dark AC power cords with male AC plug on one end. (use cord that came with lamp for one)

6. 4 black cable ties, shrink tubing or black tape, wire crimps or solder.

Lamp Fixture Removal

1. Unscrew the threaded coupling from the bottom of the top section of the pole lamp.

2. Pull wires out of tube exposing the wire nuts.

3. Cut the three black wires and the three white wires.

4. Remove the two screws mounting the fixtures to the pole and remove fixture pulling the two wires out of the pole.

5. Remove the mounting plate from the light fixture.

6. When connecting the AC cord to the fixture wiring connect the white wire to the wide pin on the AC cord connector. This places the AC power neutral on the bulbs outer ring reducing the chance of shock when changing the bulb is you forget to turn off the AC power.

7. Use daylight white 14W/60W light output short profile florescent lamp.

8. Remove the flattish chrome part that attached the lamp to the pole. One method is to use a threaded rod; and using epoxy to form threads in the end of the little chrome rod to attach the light to the threaded rod.

9. Follow the Slim Rail procedure as shown in the diagram, including the bend at the bottom of the rods My hole in the back of the module is 1 1/4" up from the edge and 12" in from the edges. The bend for the overhang for 24" module was 125 degrees For the 18" width the bend was 130 degrees. The tip of the rod when finished came out 32 1/2" above the base datum. This put my lights at the 28" height on the print. I cut the upper part of the rod to a 22" length for the 18" module, the 24" module rod didn't need cutting (used the full 4 ft). I used 1/4" conduit clips to attach the rod to the back of the sky board.

10.

The picture shows the dimensions for the rod to support the light for the 18" & 24" depth module:

