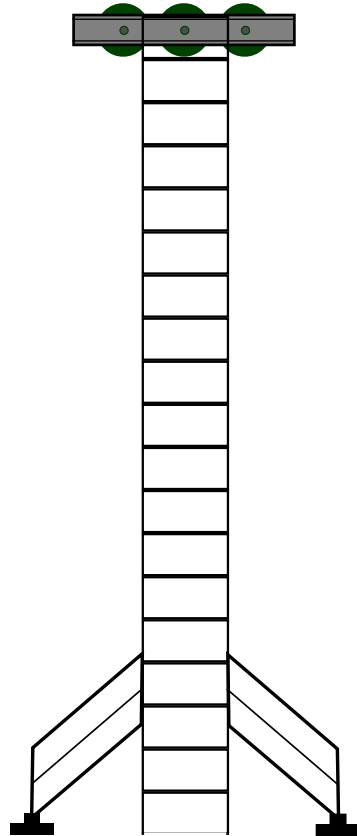
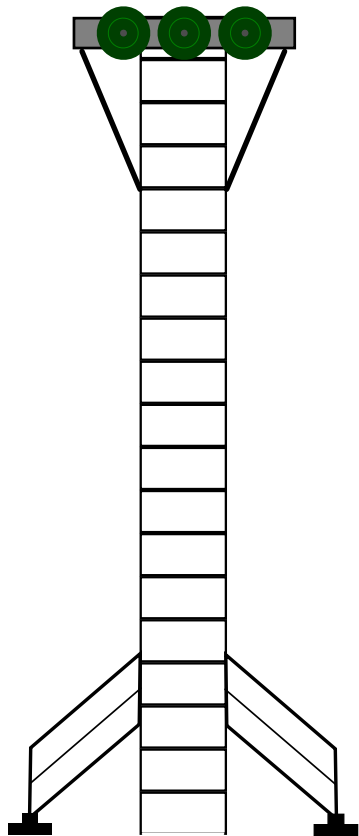


SMT

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12" scaled work light stand





12" scaled work light stand

Parts list: Plastruct:

QTY.

KL-8 (or LS-8 styrene)

1

SR-4 (or SRS-4 styrene)

1

C-6

1

LF-3

3

SX-2

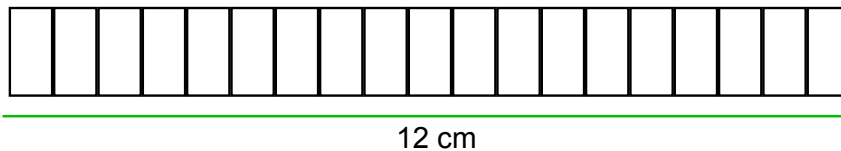
3

Evergreen styrene strip 142 (.040 x .040)

1

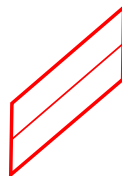
1

The KL-8 should be cut into 3 lengths of 12cm long. Cut so that you have a closed rung at the top and an open rung at the bottom (see photo & drawing).



2

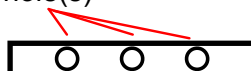
The SR-4 should be cut into 1 section of rail (see photo). You will need 3 sections for one stand.



3

Next the C-6 should be cut to a length of 3.3 cm. You need to drill 3 holes in the C-6 (see drawing). This template is sized 1:1 use it to space your holes. They need to be tight but just far enough apart for all 3 lamps to fit.

3.27mm hole(s)

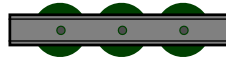


4

Next face the C-6 so the channel side is down (all flat surface facing up).
The LF-3 are glued to fit in the three holes you made in the C-6 (see photo & drawing).



FRONT



REAR

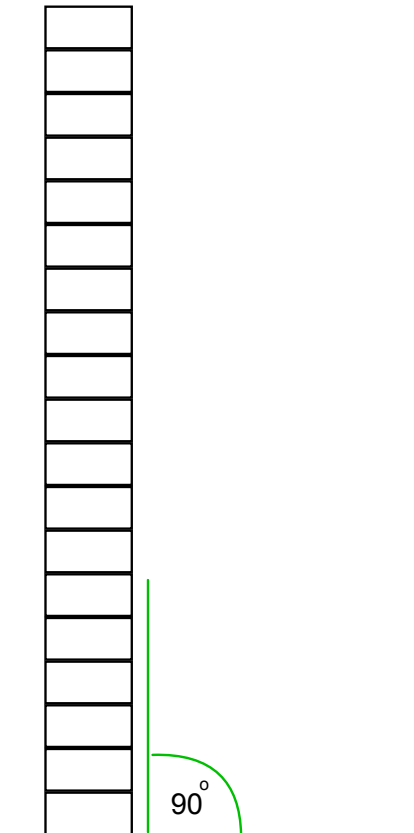
5

Next assemble the tower itself. The three KL-8 are glued to each other on the ends to form a triangle (see photo).



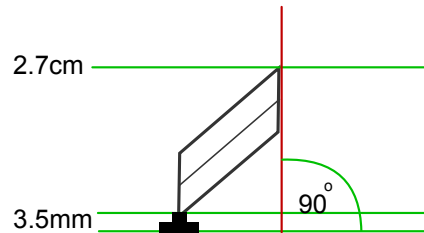
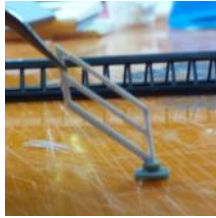
6

Once dry the the frame should be stood upright. Make sure you have the closed end at the top. Use a small square to be sure to align Perpendicular to the ground.



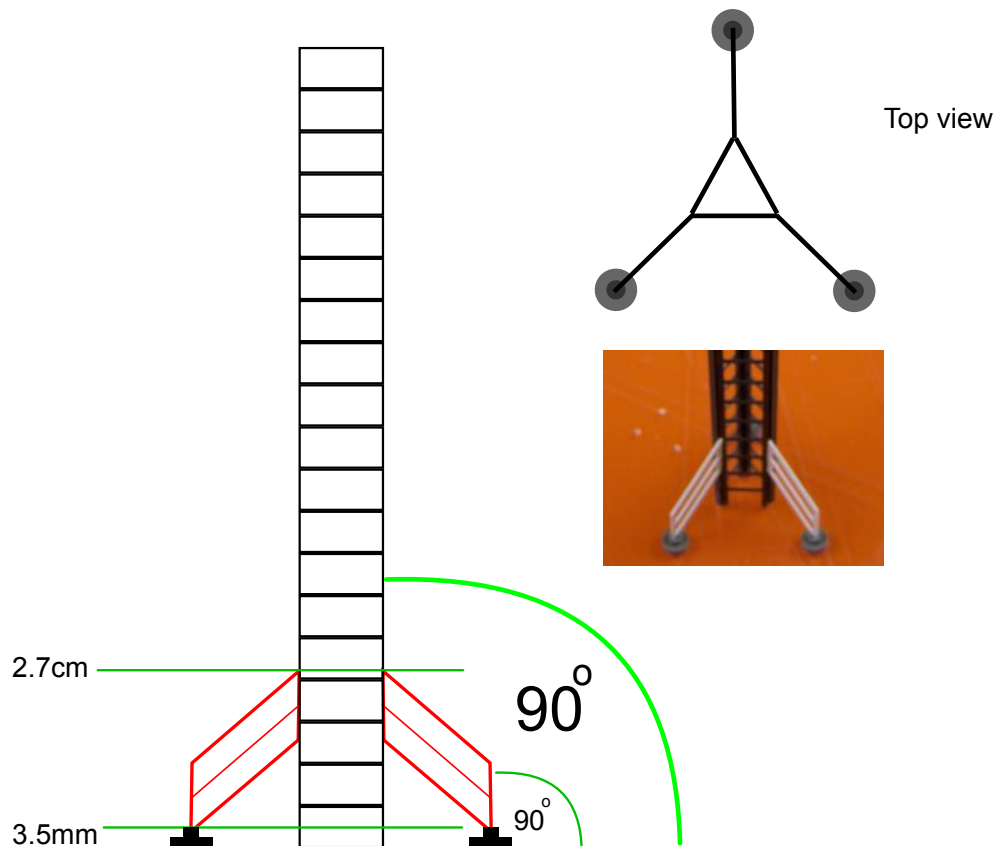
7

Position the tower frame on a flat stable surface will make the next step easier. The SR-4 should be glued to the small SX-2 (see photo & drawing). Do this 3 times to create the foot base that steadies the tower. Ensure that the SR-4 ends are PERPENDICULAR to the ground at 90 degrees. The bottom tip of the SR-4 rail will be glued in the hole in the center of the SX-2.

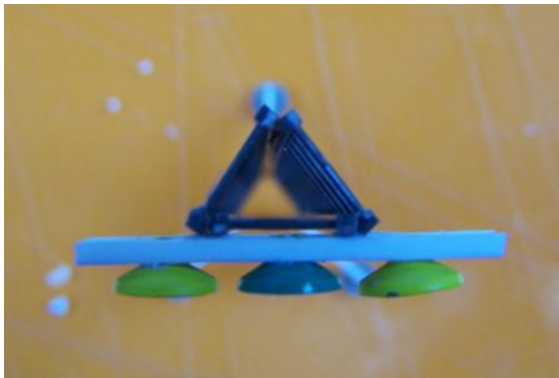
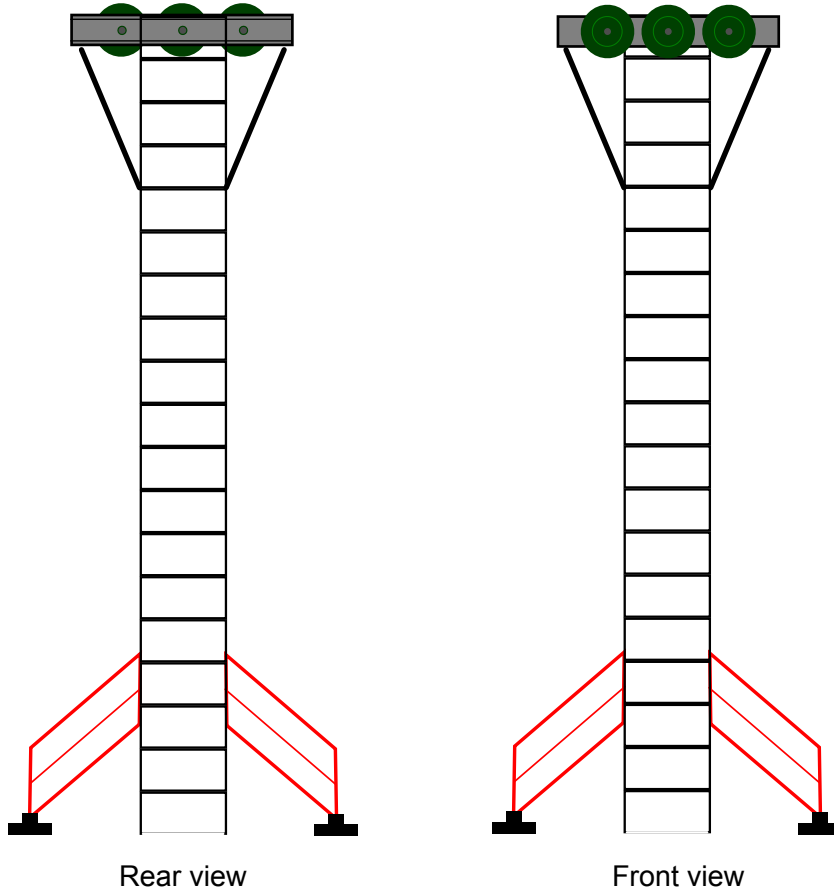


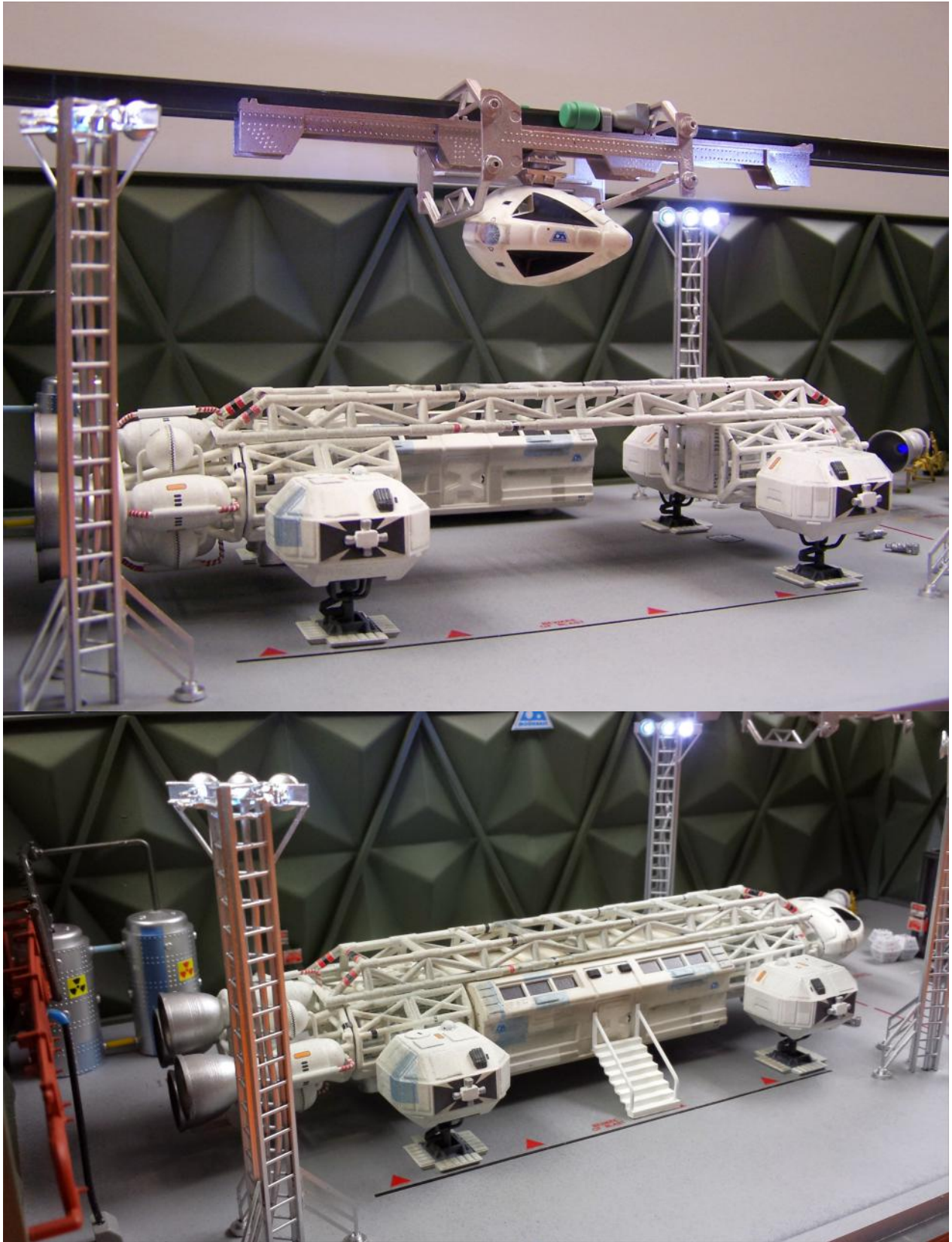
8

Once the glue on the above step has dried well align the three feet with the 3 edges of the tower joins (see diagram). When done 3 times you should have the following tower:



With the tower firmly attached to the 3x feet you can now glue the light bar that you made to the top of the tower. Simply center it over the width of one tower side (see photo & drawing). Finally add the 1mm strip styrene as show for end support. I did not spec a length as your build may vary.





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