

Link this to the wiki

Items that need be machined for production

Bundle bending

1-base plate	1 hour
2-chimney plates (hand drilled by Jim)	
!!!!!!30 -chimney clamps. stainless steel. - Jim will re send that drawing to me	1 hour
5 (5x6) lightguide collars	20 hours
8-guide chimneys (15 channels per chimney)	
2-chimneys per bundle, 15 channels per chimney	
4-cylindrical spacers and associated bolts	2 hours
2-braces and associated bolts	

Storage boxes!!!!

Fiber bundling

6 (6x6) -lightguide collars (after the first article bundle or other machine shop)

1-straightening plate	
1-upper and lower halves of offset-block (1 each)	20 hours

Fiber straightening

1-scifi cutting collar (6x6)	4 hours
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Offset bending

Individual fiber segment polishing

1-polishing puck

Items to be purchased for production

Gloves (ims stockroom)

goggles (possibly ims stockroom)

black matte paint (home depot)

more white titanium dioxide paint?

~~4" union (home depot)~~

~~strap wrenches (home depot)~~

storage boxes

molded styrofoam inserts for the boxes

kimwipes

Uline [Boxes](#) 36 x 36 x 12"

Sold as 5 packs @ \$6.35 per box

\$222.25 for the order

\$ 61.28 for freight shipping

\$283.53

[Custom made Styrofoam inserts](#)

Finishing construction

New ferrules need to be installed and tested

lengths of scifi need to be determined through ferrule testing

figure out how to polish fibers, buy anything we need such as a polishing puck

want to practice working with the paint gun. determine what ratio of paint to water leaves a good coat that's not too thick