



Lite Base for Gridfinity Storage Box by Pred *Now Parametric!*



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updated 30. 8. 2023 | published 30. 8. 2023

Summary

The amazing storage box by Pred, now w/ ~100g in filament savings & 2-4 hours of time savings (5x4x6U). Now parametric!

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Tags: [storage](#) [gridfinity](#)

Update (8/29/23):

Now Parametric! I've also included lite STLs for common sizes from the original page.

I loved the idea for the original Gridfinity storage box, but I felt it would be a waste of time and filament to print with a fully solid bottom for my uses, especially knowing how sturdy the gridfinity bins are on their own.

So once the parametric files were released, I took it upon myself to remove a lot of material from the base. Doing so took the filament consumption down from ~260g to ~160g. I saw my print time go from

nearly 13 hours to about 9.5 using the 0.3mm DRAFT preset for the MK3S+ in PrusaSlicer and 20% infill.

The bottoms of the gridfinity bins are plenty thick on their own, and honestly, I like the look of the bottom of the box better now. It is nice to let the colors and shapes show through rather than just a completely flat bottom.

I have included 2 versions. I do not care to use gridfinity with magnets, so I have uploaded versions with and without space for magnets, this is noted in the file names. The improved figures listed above are for the magnet-less version. You will still see significant savings with the magnets but not as much.

Important Note:

This is using the 5x4x6U Parametric V1 file, not the original, which uses a different hinge.

special thanks to Pred for this awesome project, you did great work!

This remix is based on



Gridfinity Storage Box by Pred (now parametric)

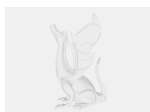
by Pred

Model files



Lite Parametric V1 F3D File

1 file



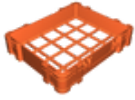
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☐ Parametric version for F360

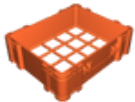


Lite 5x4

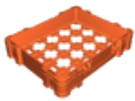
3 files



lite_gridfinitystoragebox_5x4x6u.stl



lite_gridfinitystoragebox_5x4x9u.stl



lite_gridfinitystoragebox_5x4x6u_magnets.stl



Lite 4x3

2 files



lite_gridfinitystoragebox_4x3x6u.stl

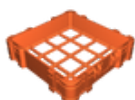


lite_gridfinitystoragebox_4x3x9u.stl



Lite 4x4

2 files



lite_gridfinitystoragebox_4x4x6u.stl

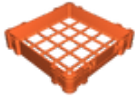


lite_gridfinitystoragebox_4x4x9u.stl

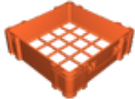


Lite 5x5

2 files



lite_gridfinitystoragebox_5x5x6u.stl

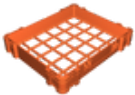


lite_gridfinitystoragebox_5x5x9u.stl

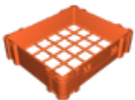


Lite 6x5

2 files



lite_gridfinitystoragebox_6x5x6u.stl

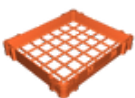


lite_gridfinitystoragebox_6x5x9u.stl

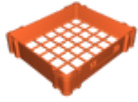


Lite 7x6

2 files



lite_gridfinitystoragebox_7x6x6u.stl



lite_gridfinitystoragebox_7x6x9u.stl

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