



Traditional Garden Lantern

P Pelex

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Summary

This is my first submitted model, a traditional Japanese "Ishidoro" garden lantern. Use a LED candle for nighttime!



45.25 hrs



6 pcs



0.20 mm
0.25 mm



0.60 mm



PLA



935 g



Prusa
MK3/S/S+

[Household](#) > [Outdoor & Garden](#)

Tags: [candle](#) [garden](#) [lantern](#) [japanese](#) [zen](#) [pagoda](#)

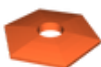
My Traditional Garden Lantern is based around a 2"x 2" (5cm x 5cm) flickering LED candle. All of the 3D modeling was done in Tinkercad. There are 6 individual model files, and a total of 8 pieces that complete the lantern. All 8 pieces are fitted together using traditional Japanese tenon-style joinery, which allows the hexagonal features to stay aligned together as they stack up, with no need for adhesive. Dimensions are 33cm (height) by 23cm (width). I included a photo with a typical soda bottle for scale. This was printed on my Prusa MK3S+ with .6 nozzle. Model pieces were printed with Inland 1.75mm PLA Marble, for a granite/stone appearance. Some of the pieces may need light deburring/sanding to get the best

possible fit. Be sure to exercise the best options when choosing infill/ supports/temps/etc. Thank you for looking!

Model files



leg.3mf



lid.3mf



union.3mf



base.3mf



candle-box.3mf



top.3mf

Print files



union_06n_02mm_pla_mk3s_5h28m.gcode

PLA 0.60 mm 0.20 mm 5.46 hrs 114 g Prusa MK3/S/S+



leg_06n_02mm_pla_mk3s_2h55m.gcode

🌀 PLA 🌀 0.60 mm ≡ 0.20 mm ⌚ 2.92 hrs ⚖️ 40 g 📄 Prusa MK3/S/S+



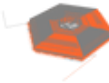
topper-mk3_06n_025mm_pla_mk3s_3h2m.gcode

🌀 PLA 🌀 0.60 mm ≡ 0.25 mm ⌚ 3.04 hrs ⚖️ 66 g 📄 Prusa MK3/S/S+



candle-box-mk3_06n_02mm_pla_mk3s_10h32m.gcode

🌀 PLA 🌀 0.60 mm ≡ 0.20 mm ⌚ 10.54 hrs ⚖️ 223 g 📄 Prusa MK3/S/S+



lid_06n_02mm_pla_mk3s_9h22m.gcode

🌀 PLA 🌀 0.60 mm ≡ 0.20 mm ⌚ 9.36 hrs ⚖️ 194 g 📄 Prusa MK3/S/S+



base-mk3_06n_02mm_pla_mk3s_13h56m.gcode

🌀 PLA 🌀 0.60 mm ≡ 0.20 mm ⌚ 13.93 hrs ⚖️ 298 g 📄 Prusa MK3/S/S+

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