RETICLE RED TUTORIAL

Lantern Maker

Finger-jointed holiday lanterns with glowing cut-out walls. Free in your browser.

Recorded on the live site · a Haunted House lantern in 3 mm stock

reticle-red.com/lantern-maker

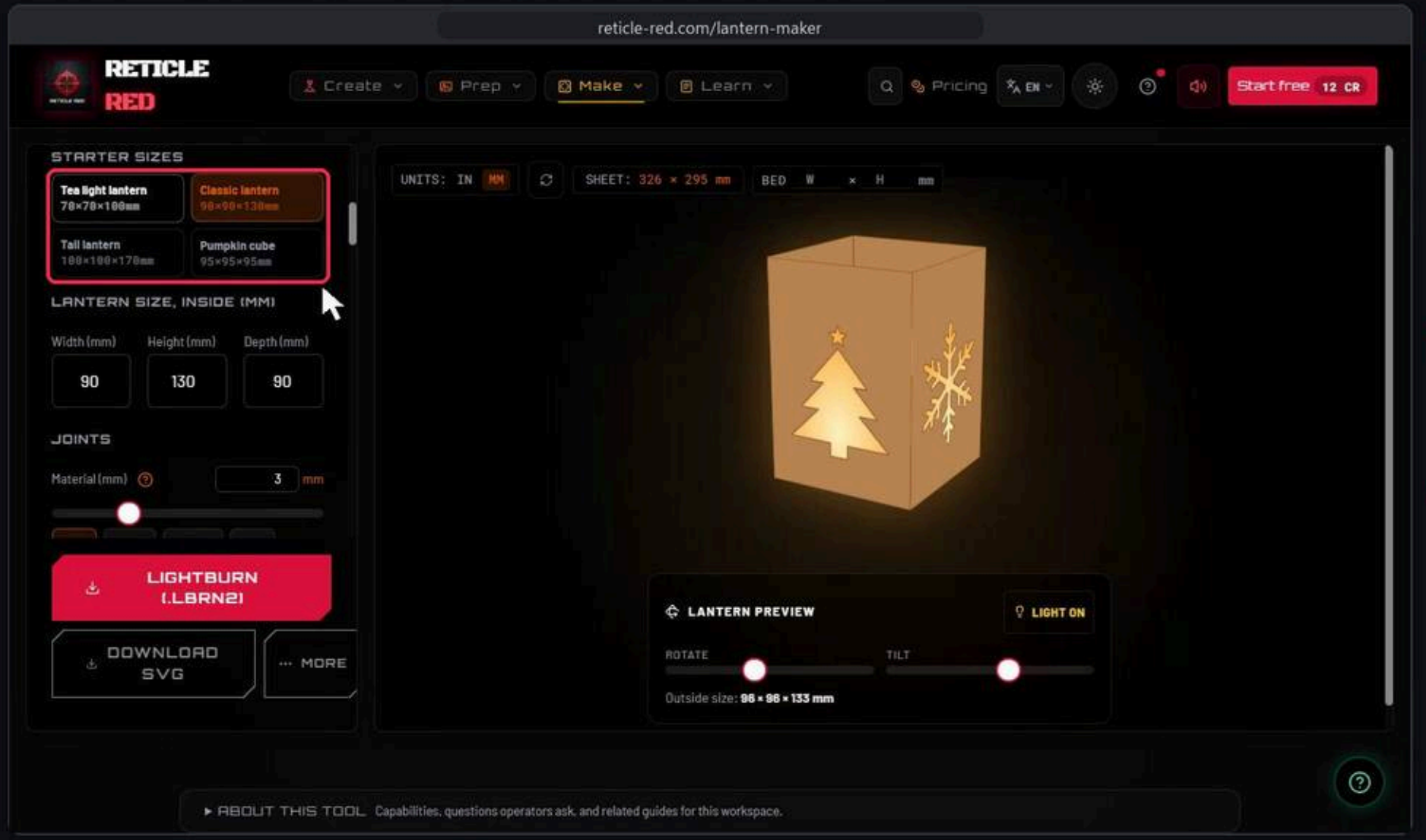
PART 1 OF 1

A Halloween lantern

Size, joints, build, design, cut check, preview and export

RETICLE RED · LANTERN MAKER TUTORIAL

A Halloween lantern — Size, joints, build, design, cut check, preview and export



STEP 1 OF 11

Starter Sizes

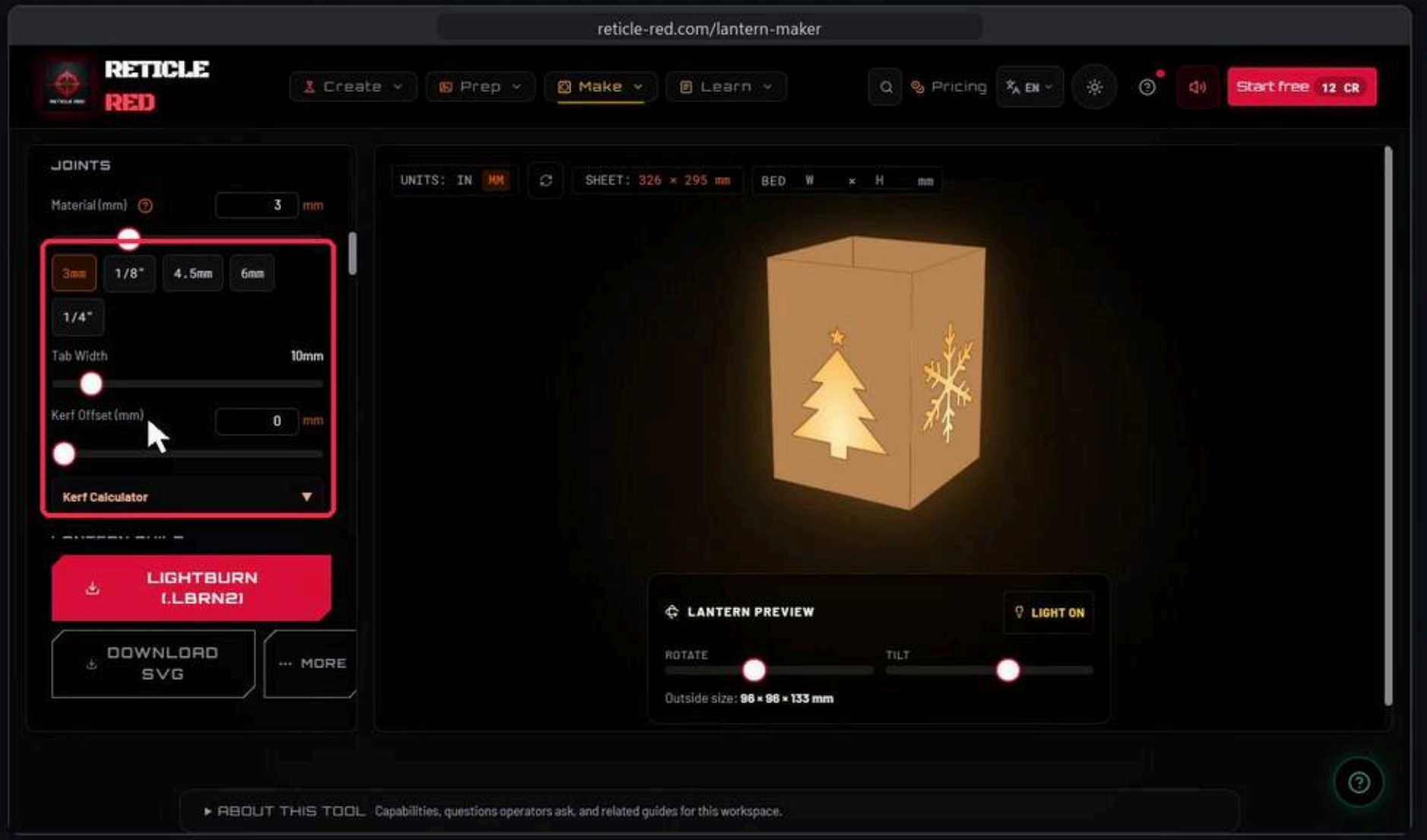
Classic lantern: 90 × 90 × 130 mm, inside.

Each wall comes out 96 mm wide in 3 mm stock.

CLOSE-UP



A Halloween lantern — Size, joints, build, design, cut check, preview and export



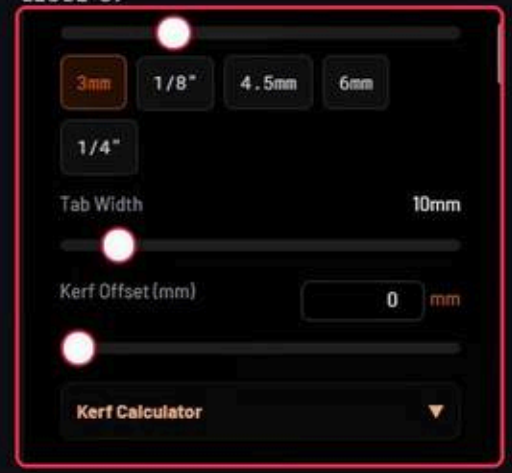
STEP 2 OF 11

Joints

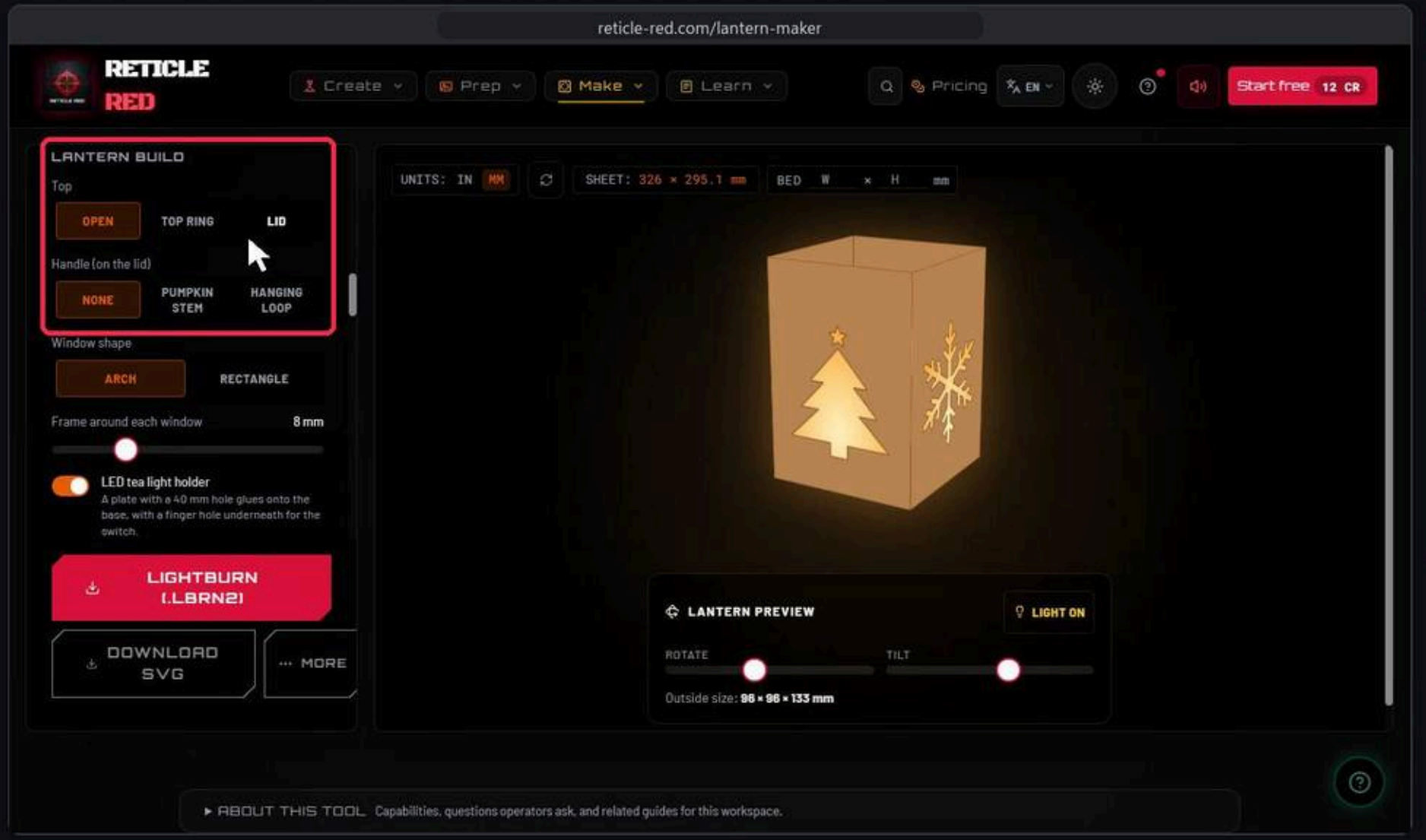
Material: 3 mm.

Kerf Calculator: Baltic Birch + Diode → 0.121 mm.

CLOSE-UP



A Halloween lantern — Size, joints, build, design, cut check, preview and export



STEP 3 OF 11

Lantern build

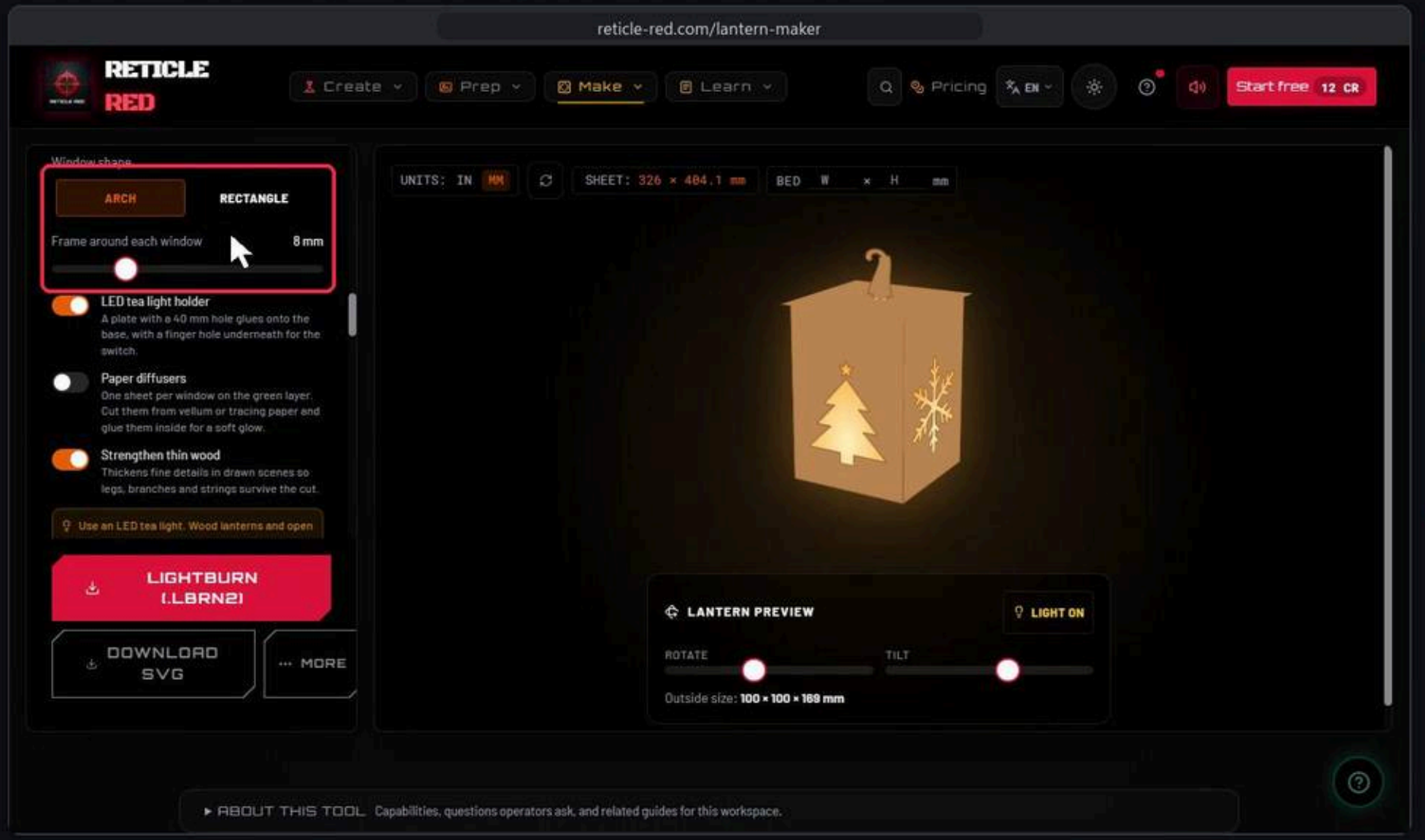
Top: OPEN · TOP RING · LID.

Lid + PUMPKIN STEM; a locator glues under the lid.

CLOSE-UP



A Halloween lantern — Size, joints, build, design, cut check, preview and export



STEP 4 OF 11

Windows

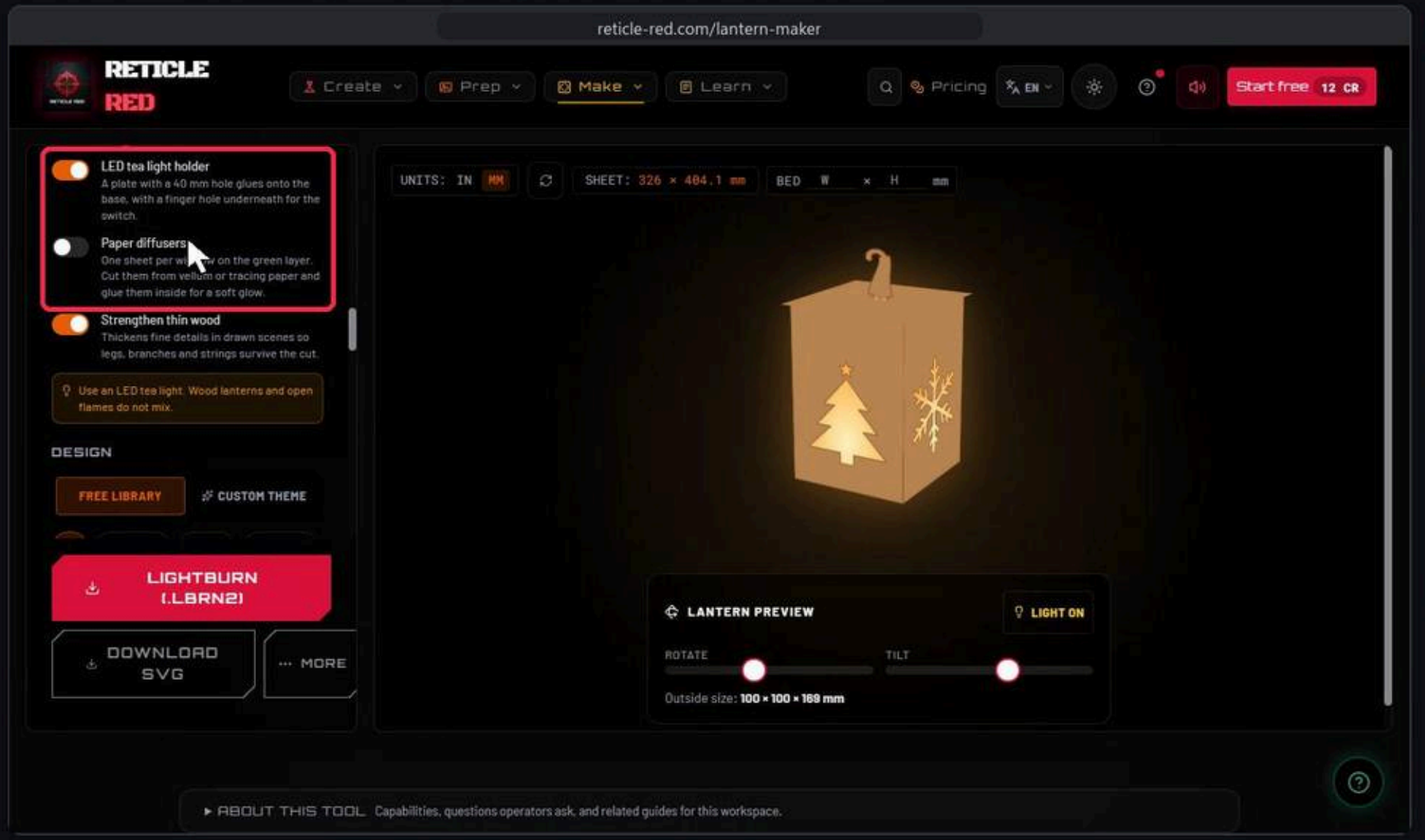
Window shape: ARCH or RECTANGLE.

Frame around each window sets the wood border.

CLOSE-UP



A Halloween lantern — Size, joints, build, design, cut check, preview and export



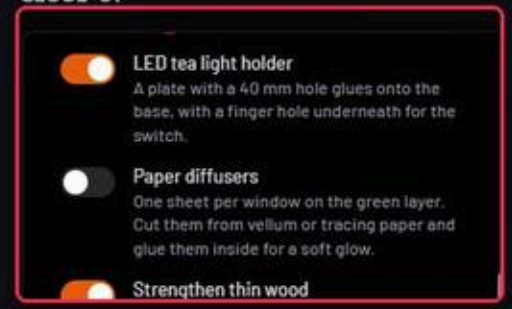
STEP 5 OF 11

Tea light and diffusers

Holder: a plate with a 40 mm hole.

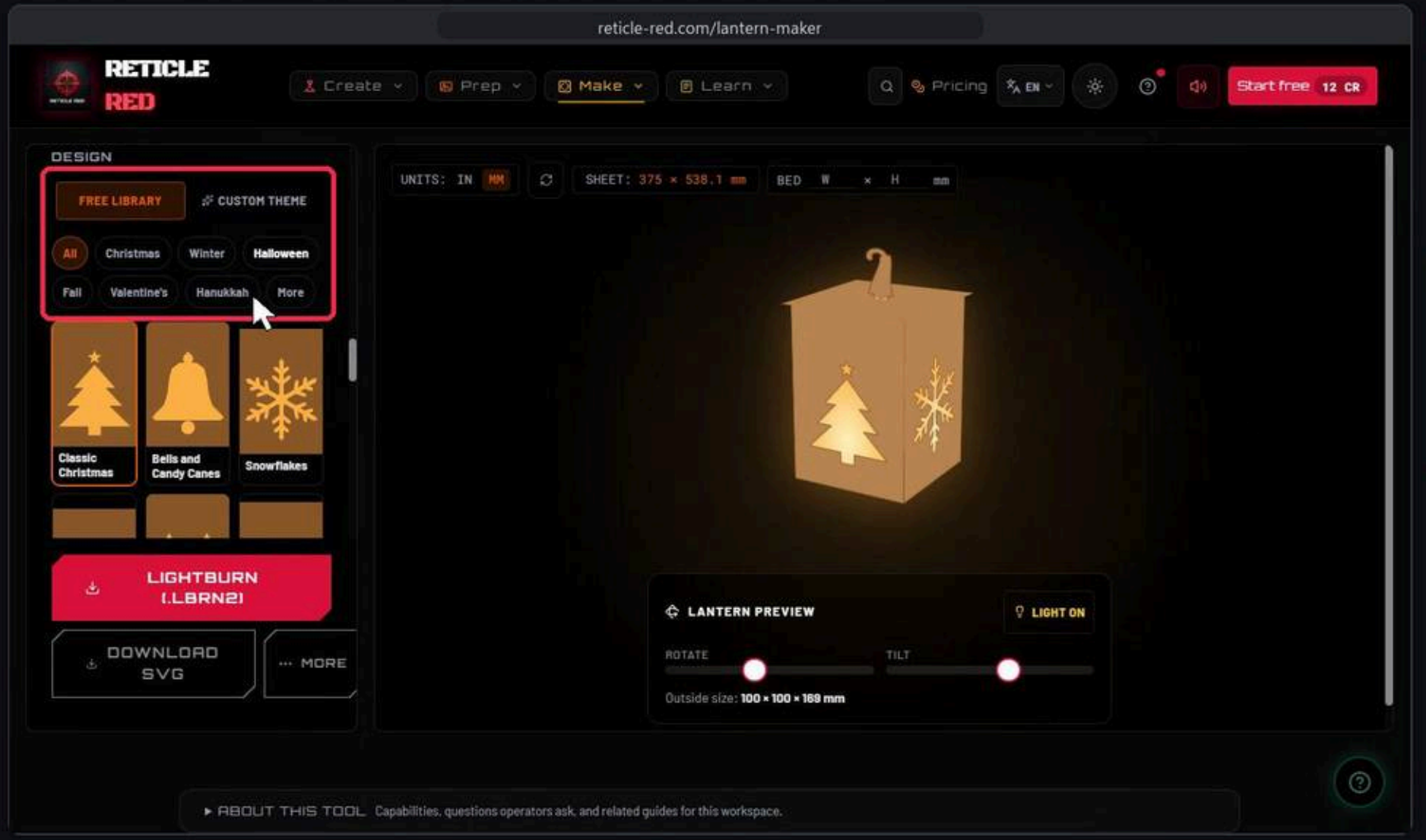
Paper diffusers: one sheet per window.

CLOSE-UP



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A Halloween lantern — Size, joints, build, design, cut check, preview and export



STEP 6 OF 11

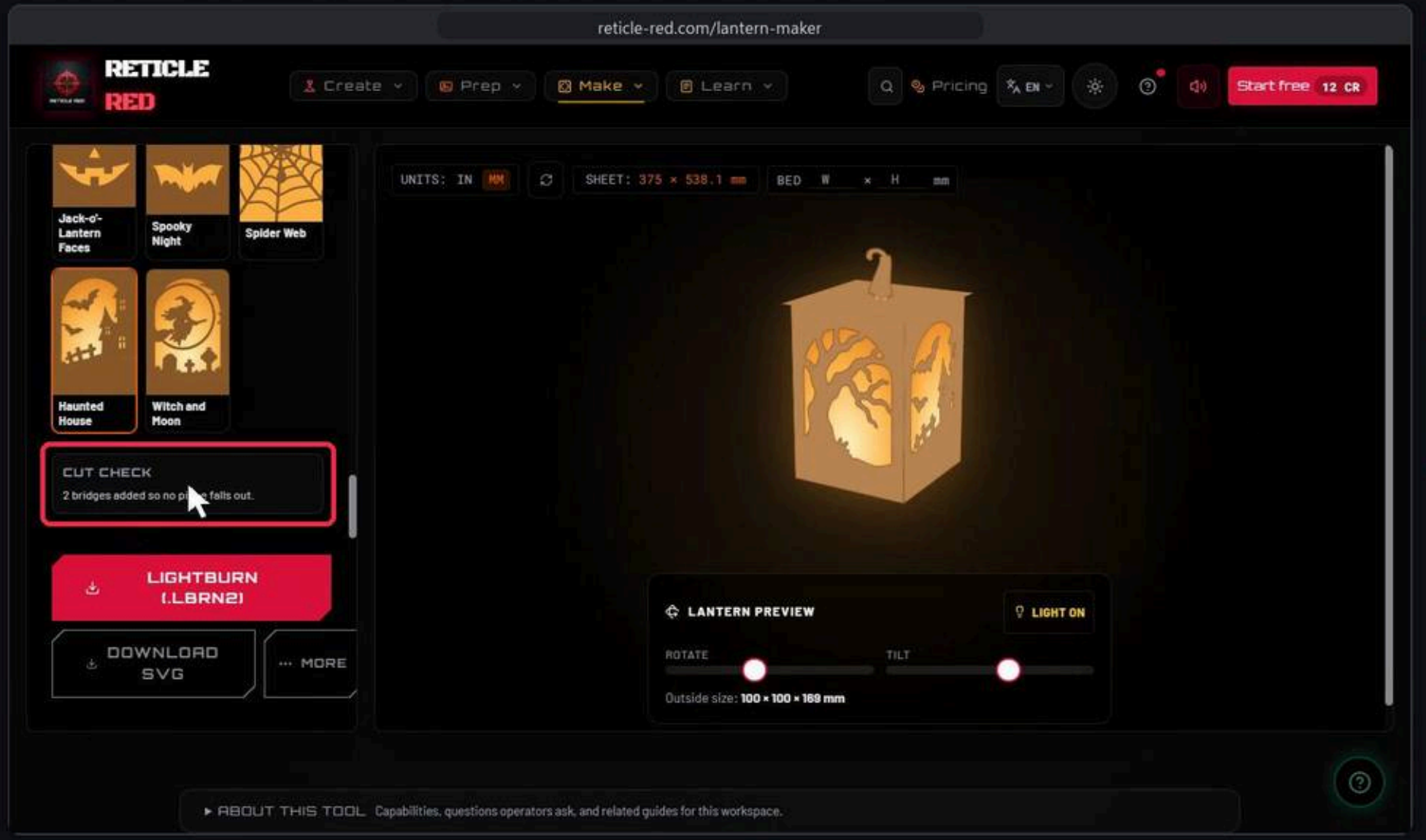
Free library

26 free designs; filter by holiday.

Halloween → Haunted House.

CLOSE-UP





STEP 7 OF 11

Cut check

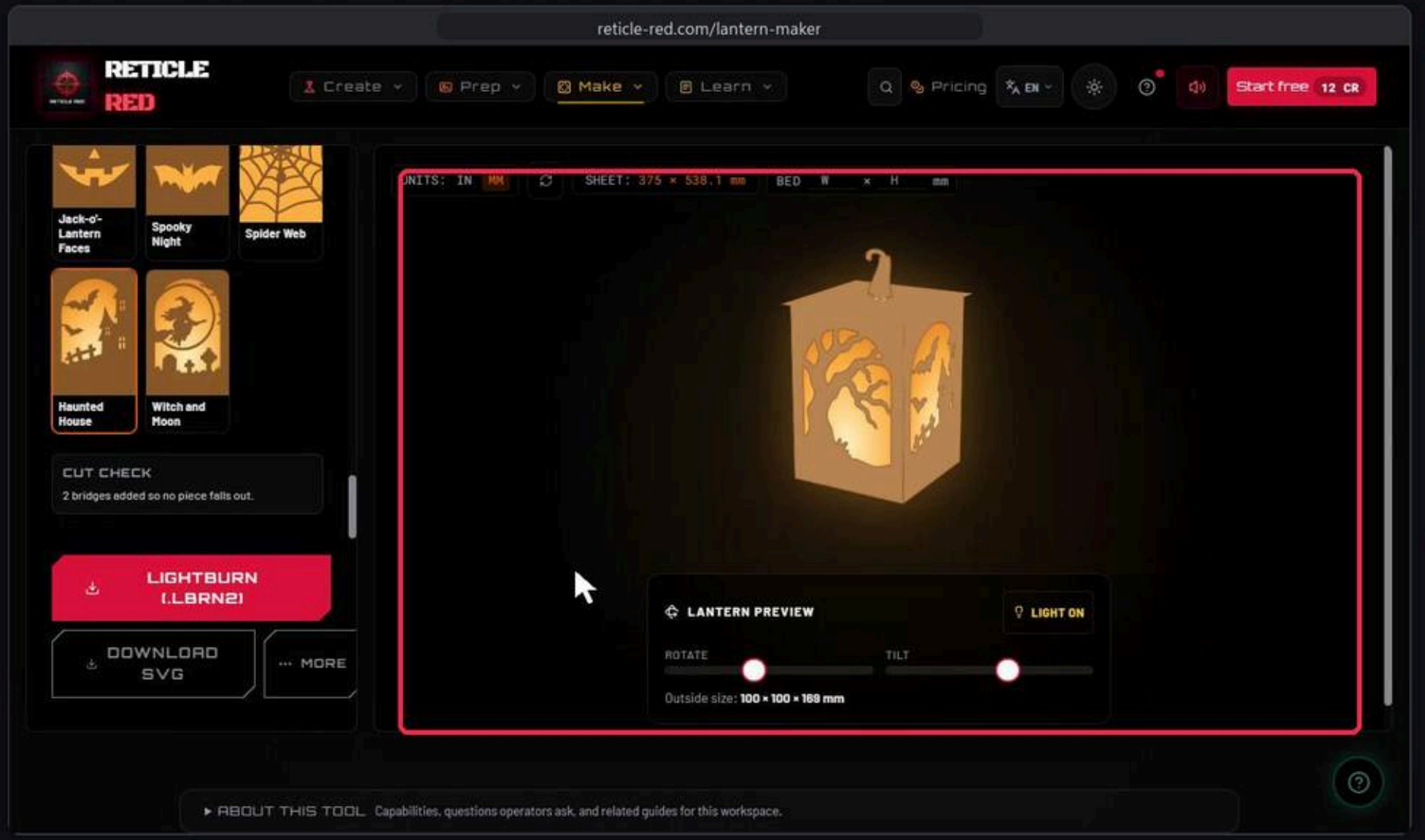
2 bridges added so no piece falls out.

Strengthen thin wood; weak wood shows red.

CLOSE-UP



A Halloween lantern — Size, joints, build, design, cut check, preview and export



STEP 8 OF 11

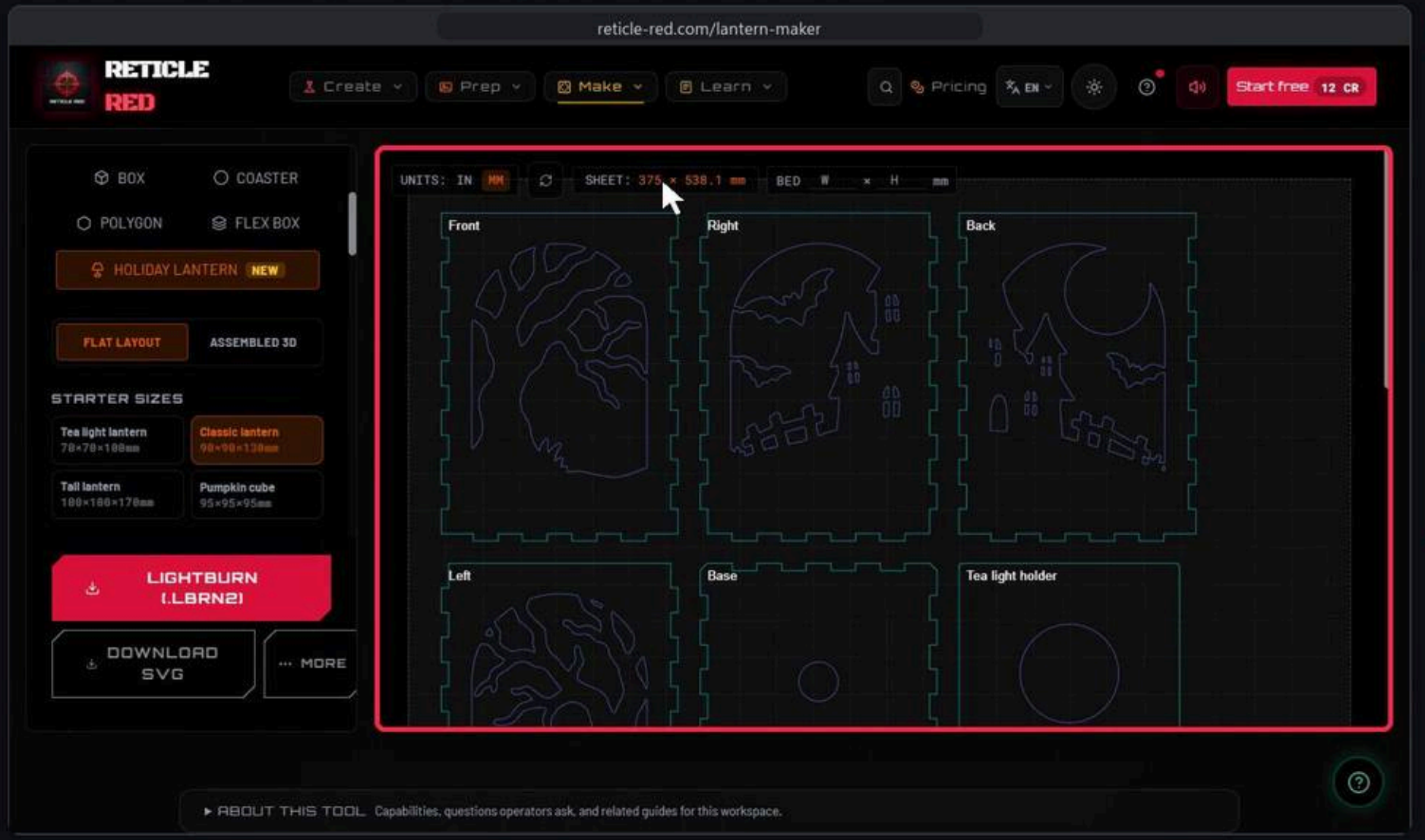
Assembled 3D

The lantern lit up. Rotate, tilt, light off.

Outside size counts the lid and the stem.

CLOSE-UP





STEP 9 OF 11

Flat layout

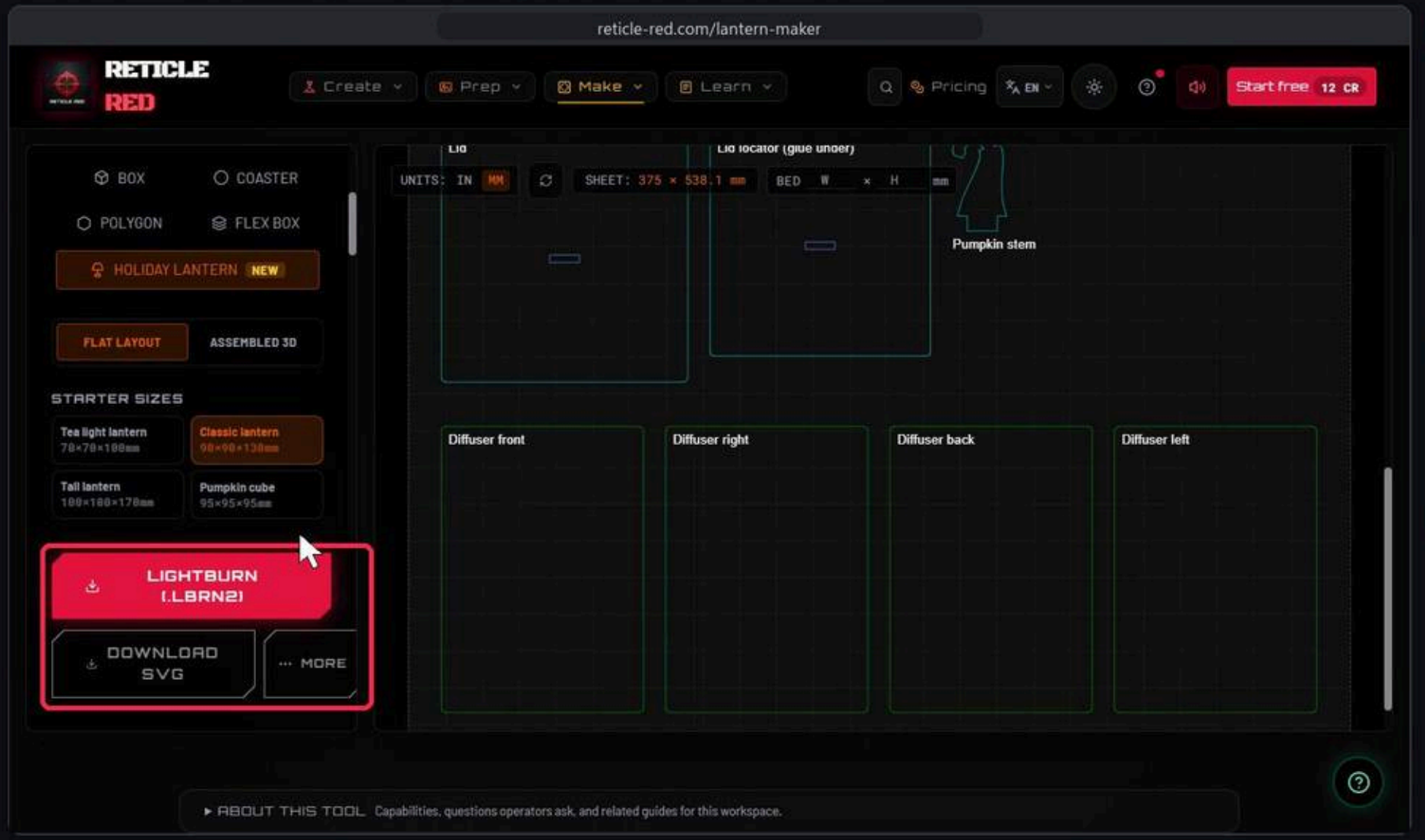
Walls, base, holder, lid, locator, stem;

paper diffusers below. SHEET size up top.

CLOSE-UP



A Halloween lantern — Size, joints, build, design, cut check, preview and export



STEP 10 OF 11

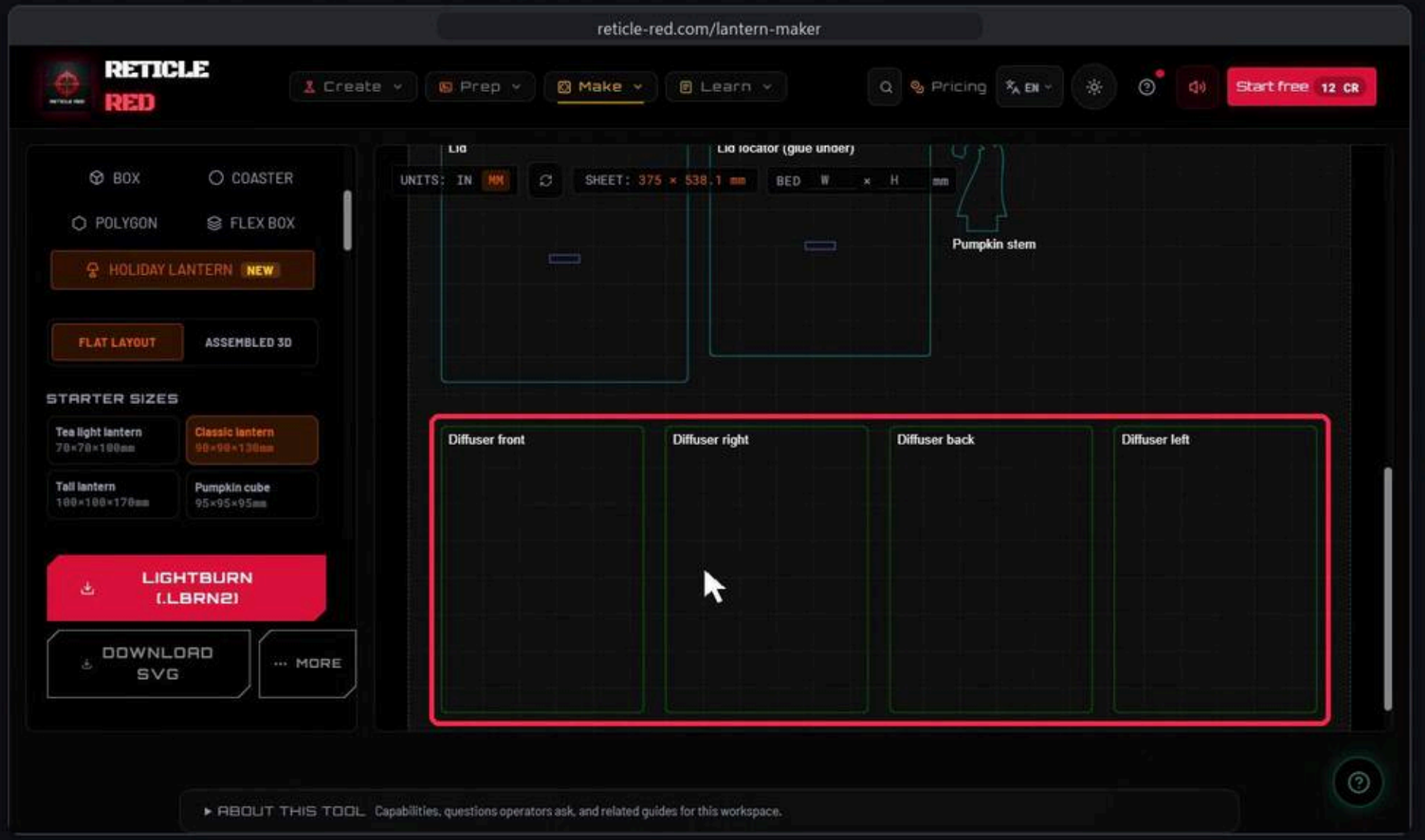
Export

LIGHTBURN (.LBRN2) · DOWNLOAD SVG · MORE → DXF

All three in mm, at 1:1.

CLOSE-UP





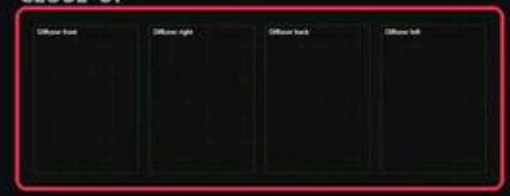
STEP 11 OF 11

In LightBurn

INNER CUT runs first. PAPER DIFFUSER arrives

with Output off. Speed and power are placeholders.

CLOSE-UP



Your lantern, ready to cut

Make → Lantern Maker

The design library and every export are free, no account needed.

More tutorials: reticle-red.com/tutorials

Narration: AI voice (ElevenLabs). Screens: the real reticle-red.com.