Mosaico series
Custom gobos

CREATE CUSTOM GOBOS THAT PERFECTLY MAP ANY FAÇADE

Purpose:	Create a custom gobo that can map every surface.
What's needed:	MOSAICO; custom grid gobo
Contacts:	support@musiclights.it

GOBO REQUIREMENTS	MosaicoJR	Mosaico	MosaicoL	MosaicoXL
OUTER DIAMETER	15,8 mm	26,9 mm	26,9 mm	26,9 mm
MAX IMAGE DIAMETER	BW: 12,5 mm Colour: 9 mm	BW: 23 mm Colour: 20,5 mm	BW: 23 mm Colour: 20,5 mm	20,5 mm
GLASS GOBO THIKNESS	1,1 mm	1,1 mm	1,1 mm	1,1 mm
SUITABLE MATERIAL	Borosilicate glass, coatings heat-resistant to 450°C (842° F)	Borosilicate glass, coatings heat-resistant to 450°C (842° F)	Borosilicate glass, coatings heat-resistant to 450°C (842° F)	Borosilicate glass, coatings heat-resistant to 450°C (842° F)

PROLiGHTS

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INSTRUCTIONS	MEDIA ELEMENTS

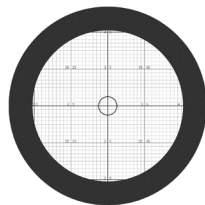## STEP 1:

Install the customized grid gobo inside the gobo holder.

A Grid gobo is a custom gobo with a 1 mm pitch grid.

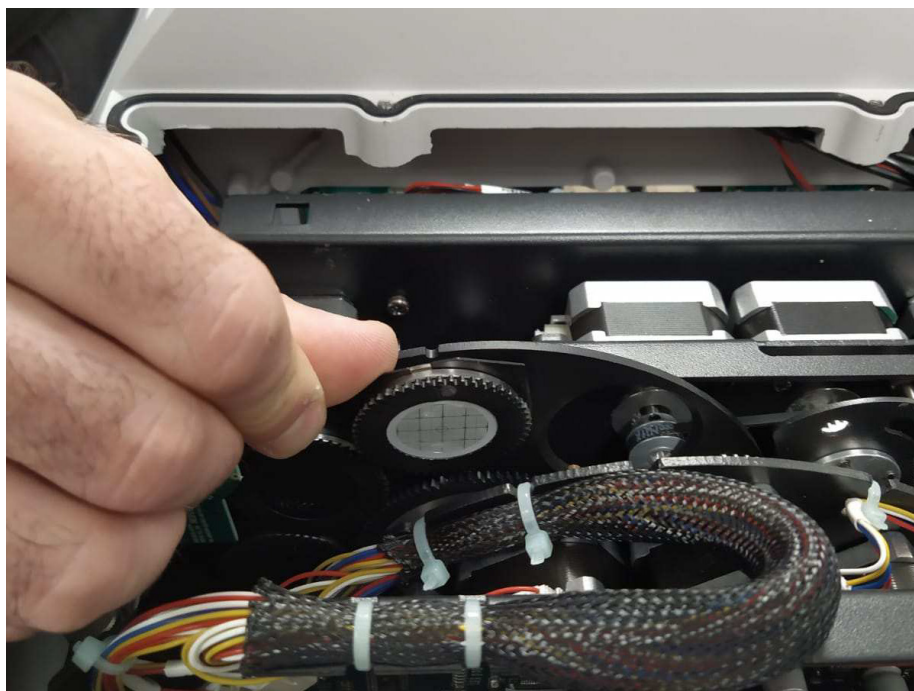You can order one from M&L or you can ask a gobo manufacturer to provide it.

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STEP 2:

Install the gobo holder with customized grid gobo inside the **Mosaico.**

STEP 3:

Place the Mosaico in the final installation position with the correct zoom value.
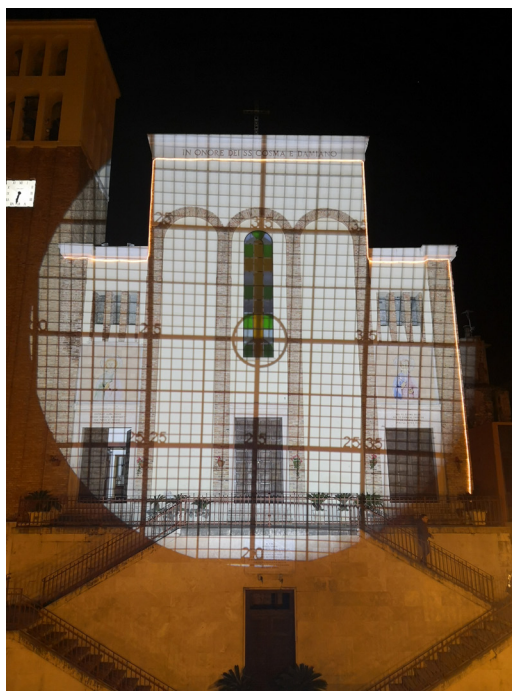
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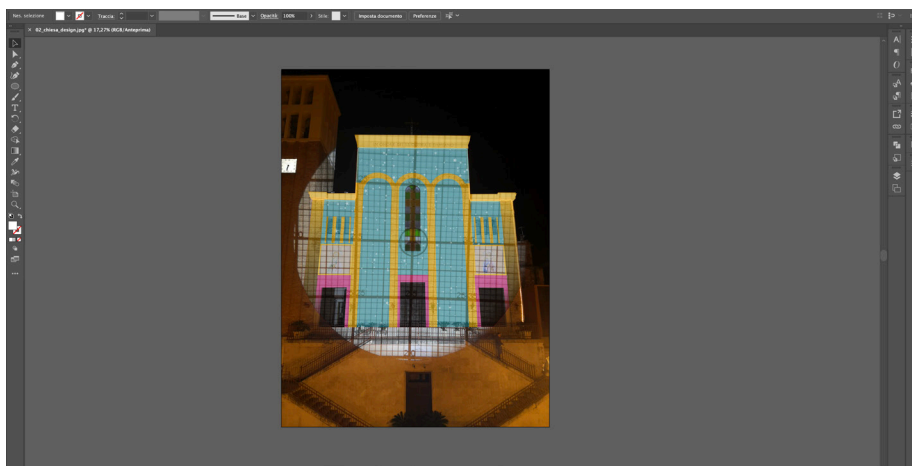| INSTRUCTIONS	MEDIA ELEMENTS

STEP 4:

Take a picture of the image projected on the façade area from the same position of fixture output.

STEP 5:

Import the picture in a graphics software
(e.g. Illustrator)
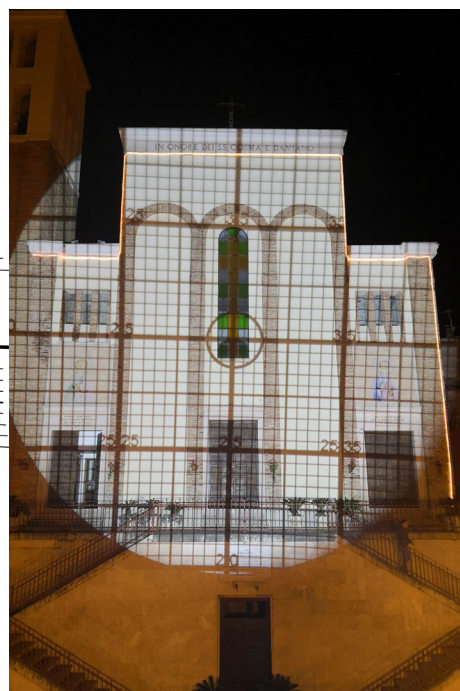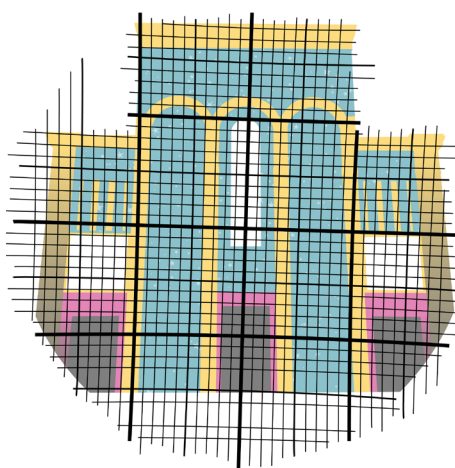On a new layer, draw your custom design.

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STEP 6:

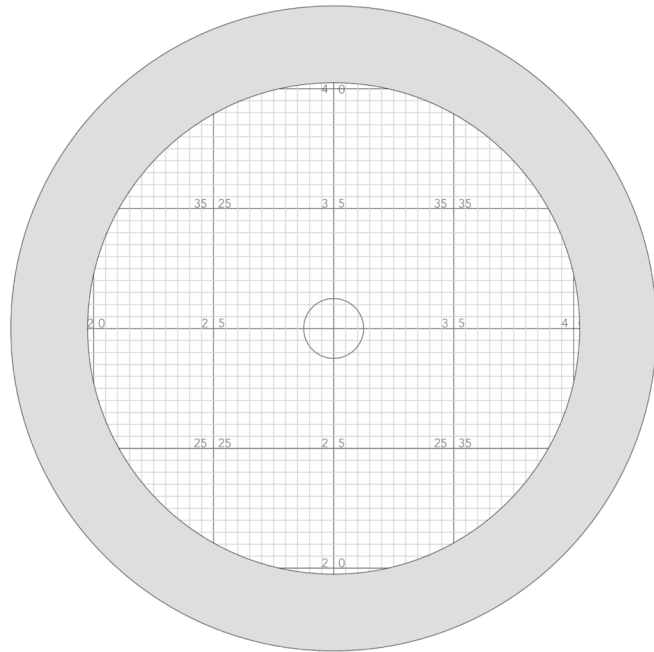Once the design is ready, create a new layer on top of it and trace a vector grid. Use the photo as a reference.

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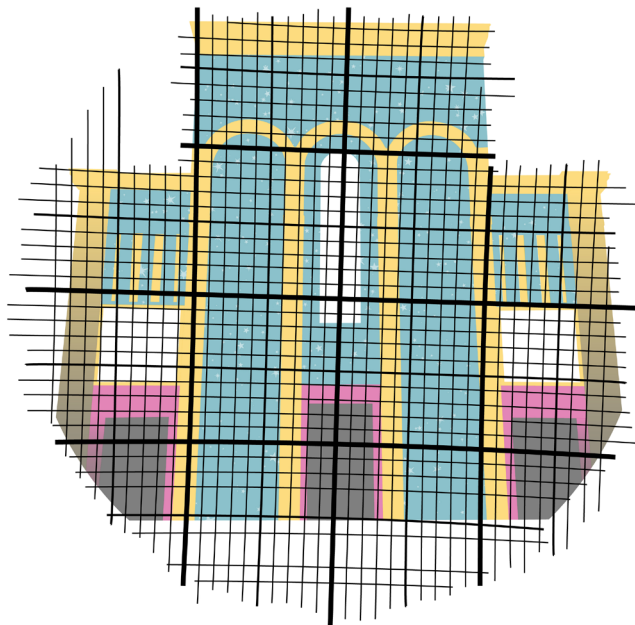| INSTRUCTIONS	MEDIA ELEMENTS

STEP 7:

In a new file, import the technical drawing of the grid gobo, used for the projection on the building.

STEP 8:

On a new layer import the design with the grid traced in the step 6.

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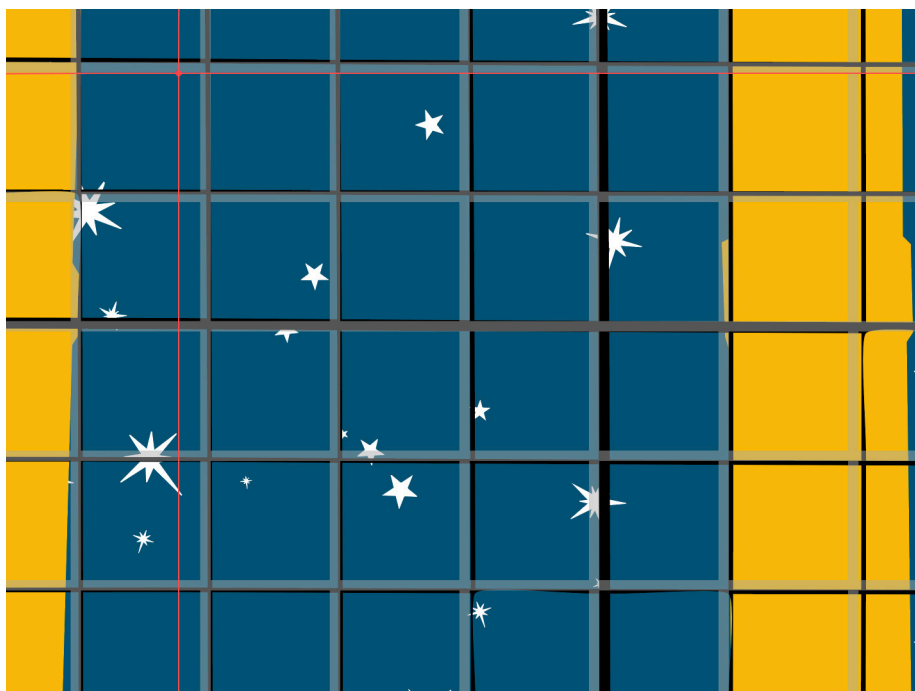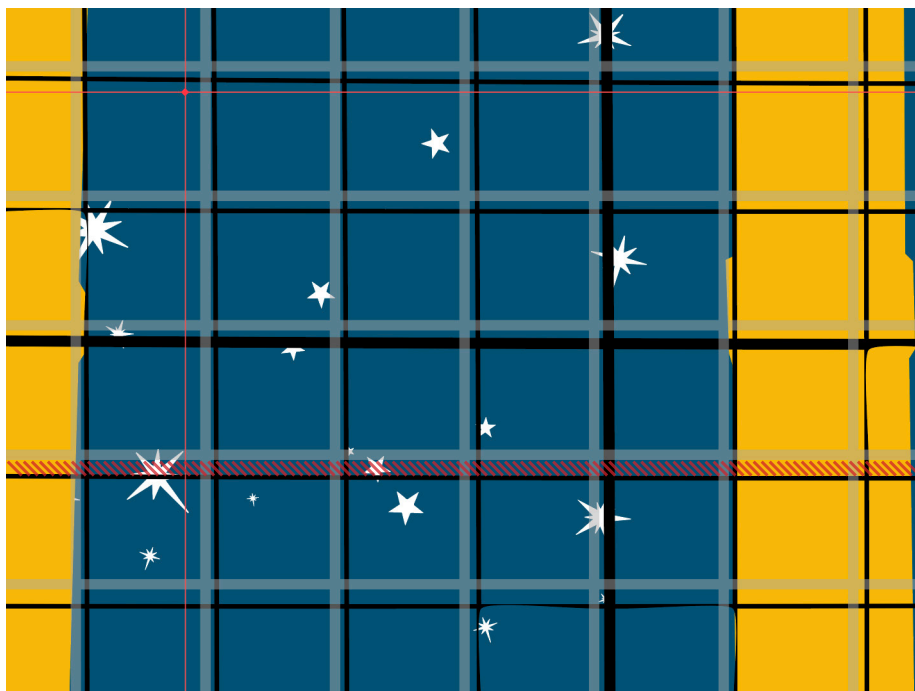## CREATE CUSTOM GOBOS THAT PERFECTLY MAP ANY FAÇADE

INSTRUCTIONS	MEDIA ELEMENTS

STEP 9:

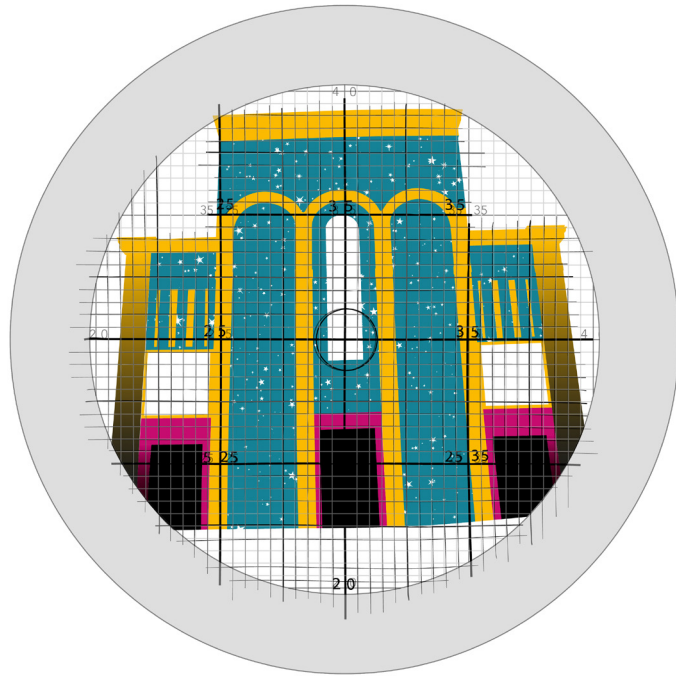Edit the design so that the grid of the custom image corresponds to the technical drawing of the grid gobo.
If the projector has been installed perfectly aligned with the building and the design's grid corresponds to the technical drawing, you can skip this step and go directly to the last step.

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before adapting the design

after adapting the design

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STEP 10:

Prepare the file to export.
- use black where you want no light,
- use transparent where you want the standard white light.
To know the size of the image check the information on the projector's webpage or go to the first page of this guide.
Export a vector image with only the design visible.