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INTRO

SCOPE

METHODOLOGY

FIXTURES & CONTROLS

DESIGN CONCEPTS

BUDGET PLANS

NEXT STEPS

Oedipus Brewery
Craft Space

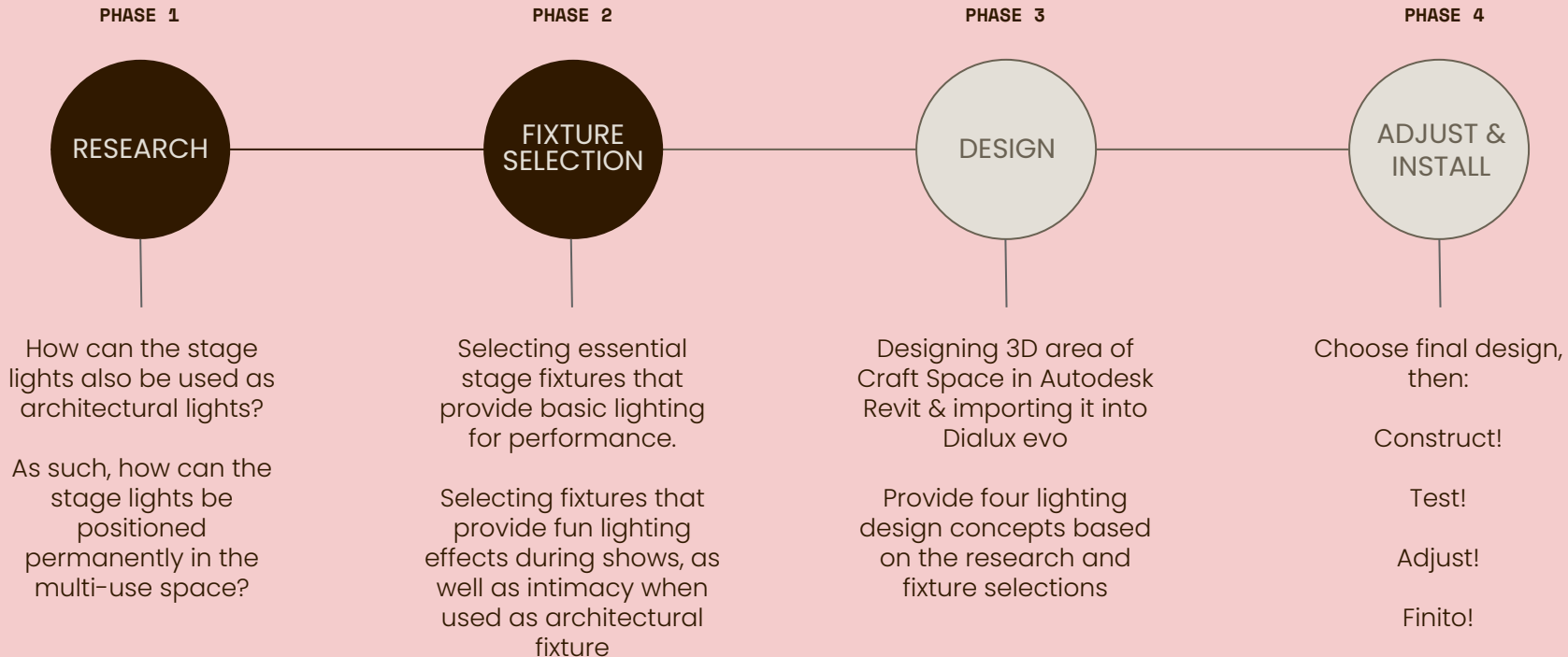


Stage Lighting Design Concepts

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SCOPE



METHODOLOGY

Using the unofficial logo of the Craft Space, the four fluorescent lamps in an open box, as a design theme.

Inspiration from the funky curves, shapes and colors of the Brewery, while keeping the simplicity and intimacy feel for daily use

Allowing stage lighting to be used as architectural lighting during non-performance days

Designing to allow all stage fixtures to be permanently setup, without being in the way of the space's daily use: off the floor, and at least one meter above the floor

Providing aesthetic design choices for moving heads and LED washes, that do not intrude or distract the vision of the performer(s) or audience

Providing a simple fixture hanging setup, for lights & anything else to be clamped on

FIXTURES...

*Each fixture image is
hyperlinked to a video of its
capabilities*

5

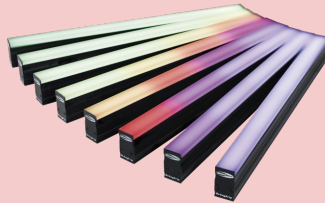
Moving Head

- Three fixtures
- used as a spotlight, as well as gobo patterns on the floor
- Can be focused or washed
- All colors



Octostrip

- One fixture (Eight 50cm LED strips)
- used to represent the unofficial logo of Craft Space
- Can be used as both stage and architectural lighting
- Fun intensity and color effects



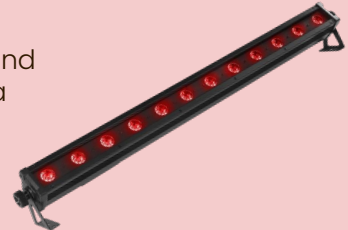
LED Pars/washes

- One/multiple fixtures (depending on beam angle)
- used to create a general wash on the stage area
- Can be used as both stage and architectural lighting



LED Pixelbar

- 1 meter long
- 4-6 fixtures
- used to create intensity and color effects, & can give a very 'starry & ethereal' atmosphere



...SETUP...

Clamps

- Two types of clamps, baby clamps for LED pixelbars, and half couplers for moving heads and pars



Power

- All IEC power fixtures.
- IEC male to female cables (C13-C14) two reduce the amount of extension cables and blocks used
- A couple two meter and a couple three meter cables



Truss

- One 3-meter truss to safely carry the moving heads and pars
- Two 50cm truss placed adjacent above the metal beam, with four half couplers + lifting eyes and steel cables attached to them & around the steel beam & 3m truss to secure the 3m truss to the steel beam.
- Safety cables to secure the lights to the beam



DMX Cabling

- 3-pin DMX cables ranging from 1.5-20 meter.



...& CONTROLS

Lighting Desk

- A desk with a built-in screen (as to avoid adding a laptop to the FOH desk)
- A desk that can control 2 universes
- Best scenario is a Chamsys table, however any table does the job just as well!



DESIGN CONCEPTS

Four stage lighting design concepts.

Each design concept is a different arrangement of the aforementioned fixtures.

Some lighting design concepts will require a carpenter to build a frame, similar to the one holding the fluorescent lights.

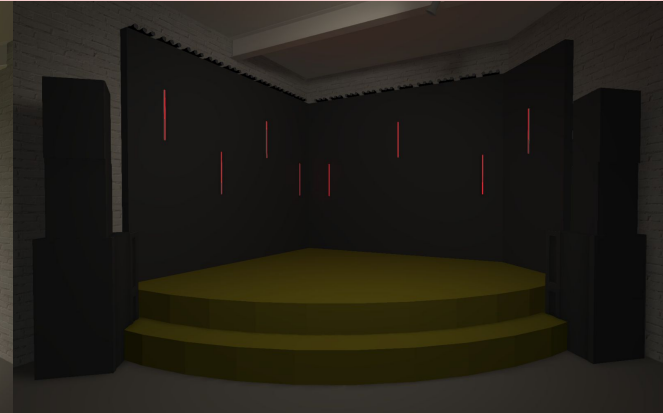
Each concept allows for the Craft Space stage to be a multi-use space: for performance and regular seating (couches & tables).

Each design uses predominantly red light, however all lights are all RGBW adjustable

On the right, each fixture type in the space is presented.



LED Pars/Wash



Octostrips



Moving Heads



LED Pixelbars

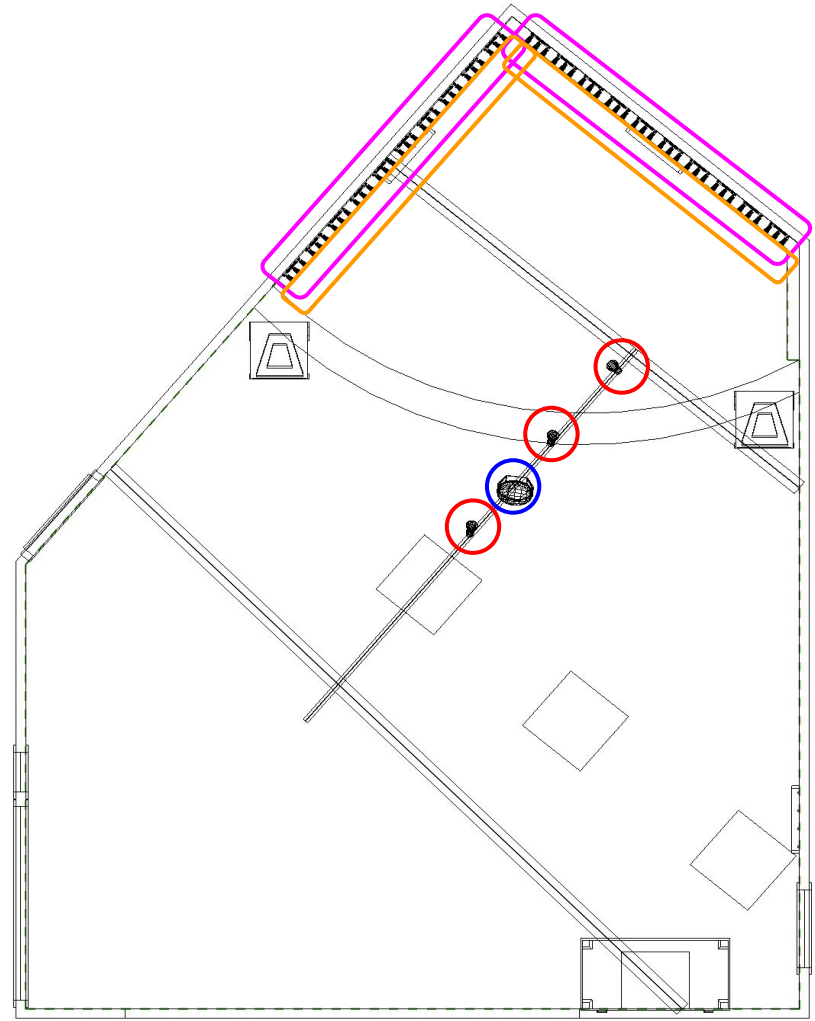
FIXTURE LOCATION DIAGRAM

1 - MOVING HEADS

2 - LED WASH/PAR

3 - OCTOSTRIPS

4 - LED PIXELBARS



STAGE 1

Using the
fluorescent box
theme, with the
Octostrips inside.

Octostrips & LED
Pixelbars can
also be used as
architectural
lights.

More focus on
the architectural
aspect of lighting,
however,
octostrips are still
programmable
and have fun
intensity/color
effects!





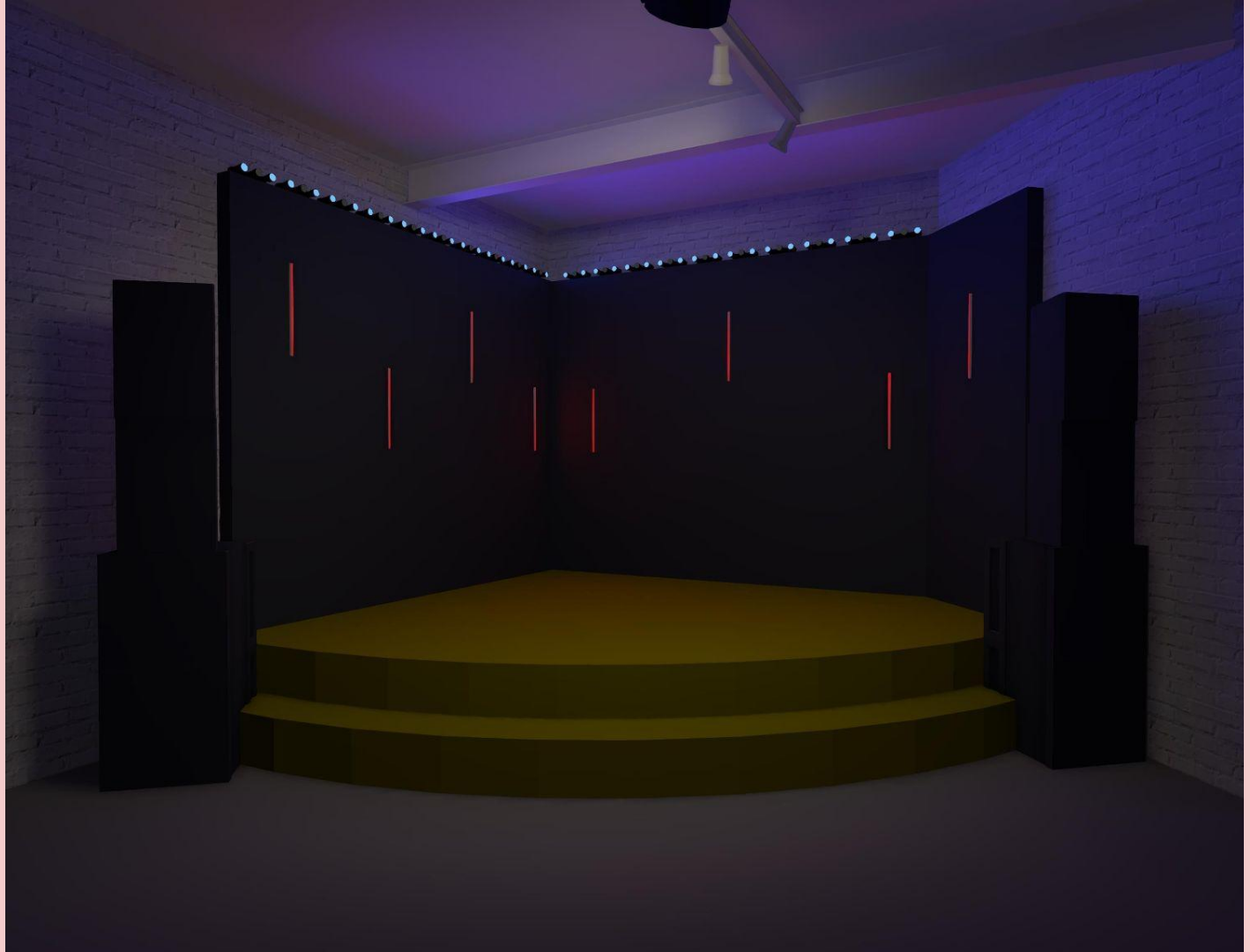


STAGE 2

Moving shape of Octostrips along the whole stage soundpanel.

A more open, inviting layout.

Focused on performance lighting, and can also be used as architectural lighting, when space is used for regular seating





STAGE 3

Oedipus logo in the center of the stage, using LED flexible neon rope (16-meter). LED strip is also intensity/color/effects adjustable using remote control or mobile application

Octostrips in a moving pattern across stage wall, more performance-oriented.

Creates a center-piece for the stage, and introduces the playful nature of Oedipus using curves and asymmetry.

LED strip can be used interchangeably as stage and architectural lighting





STAGE 4

Oedipus logo in the center of the stage, similar to Stage 3 design

Octostrips in the box, similar to Stage 1

More architectural lighting oriented, with focus on symmetry, simplicity, and intimacy, without compromising on the playful Oedipus logo.





BUDGET PLANS

€5000

€6500

€8000

The following slides are three budget plans:

1. €5000
2. €6500
3. €8000

Each budget plan includes ~ €600 euros for Setup equipment (click [here](#) to see Setup slide)

Each budget plan excludes AGAVE's salary for this project - €3360

Each budget plan is split into three sections:

1. Fixtures
2. Setup
3. Control

Each budget plan puts €250 aside for the future architectural lighting design concepts

Each budget plan includes the price per unit (PPU), how many units are required, and the total.

Each budget plan is under the impression of a 10% contingency, due to the possibility of sales, negotiation, and unavailability of second hand products from now until you purchase the equipment

The budget plans focus on what light fixtures and lighting desks are available from the fixture selection in that price range.

SETUP BUDGET ~€600

TRUSS	LINK	PPU (€)	UNITS	TOTAL
Baby Clamp	≈	2.54	10	25.4
Half Coupler Clamp	≈	3.88	8	31.04
Steel Cable 50cm	≈	11.98	5	59.9
Truss 50cm	≈	32.23	2	64.46
Truss 300cm	≈	57.85	1	57.85
Harp Bow Shackle	≈	3.59	4	14.36
Half Coupler Clamp + lifting eye	≈	9.83	4	39.32
Safety Cable 60cm	≈	2.43	10	24.3
			Total	316.6

CABLES	LINK	PPU (€)	UNITS	TOTAL
3-pin DMX 20m	≈	17.42	1	17.42
3-pin DMX 10m	≈	10.6	2	21.2
3-pin DMX 6m	≈	8.17	4	32.68
3-pin DMX 3m	≈	5.87	8	46.96
3-pin DMX 1,5m	≈	5.04	16	80.64
C13 naar C14 1.5m	≈	3.79	10	37.9
C13 naar C14 3m	≈	5.29	10	52.9
			Total	289.7

€5000

LIGHT	LINK	PPU (€)	UNITS	TOTAL	Notes
LED Pixelbar					
Moving Head	~	87.85	3	263.55	Ali Express
Octostrip	~	765	1	765	Second Hand, Marktplaats
LED Wash	~	85	1	85	
			Total	1113.55	

LIGHTING DESK	LINK	PPU (€)	UNITS	TOTAL	Notes
DMX interface	~	148	1	148	
Laptop	~	165	1	165	Touch screen, second hand
			Total	313	

LED STRIP - EXCLUSIVE FOR STAGE 3 & 4	LINK	PPU (€)	UNITS	TOTAL
LED neon rope light RGBIC	~	115	1	115

€6500

LIGHT	LINK	PPU (€)	UNITS	TOTAL	Notes
LED Pixelbar	~	137.5	4	550	Second Hand, Marktplaats
Moving Head	~	87.85	3	263.55	Ali Express
Octostrip	~	765	1	765	Second Hand, Marktplaats
LED Wash	~	85	1	85	
			Total	1663	

LIGHTING DESK	LINK	PPU (€)	UNITS	TOTAL	Notes
Lighting Desk	~	1099	1	1099	Second hand, Marktplaats

LED STRIP - EXCLUSIVE FOR STAGE 3 & 4	LINK	PPU (€)	UNITS	TOTAL
LED neon rope light RGBIC	~	115	1	115

€8000

LIGHT	LINK	PPU (€)	UNITS	TOTAL	Notes
LED Pixelbar	~	137.5	4	550	Second Hand, Marktplaats
Moving Head	~	349	3	1047	Ali Express
Octostrip	~	765	1	765	Second Hand, Marktplaats
LED Wash	~	85	1	85	
			Total	2447	

LIGHTING DESK	LINK	PPU (€)	UNITS	TOTAL	Notes
Lighting Desk	~	1099	1	1099	Second hand, Marktplaats

LED STRIP - EXCLUSIVE FOR STAGE 3 & 4		LINK	PPU (€)	UNITS	TOTAL
LED neon rope light RGBIC		~	115	1	115

BUDGET PLANS DIFFERENCE

	5000	6500	8000
LED Pixelbar	Not affordable	✓	✓
Moving Head	Ali Express	Ali Express	New Varytec lights
Octostrip	✓	✓	✓
LED wash	✓	✓	✓
Lighting Desk	Laptop + DMX Interface	Standalone Lighting Desk	Standalone Lighting Desk

NEXT STEPS

01	02	03	04
FEEDBACK Let me know your feedback, based on your expectations and recommendations	ADJUSTMENTS & FINALIZE DESIGN CHOICE Let me know which choice you prefer, and if you would want any adjustments in the design concept	ARCHITECTURAL LIGHTING DESIGN CONCEPTS Based on your choice of stage lighting, I will submit an architectural lighting design concept, fitting within the €250 range	CONSTRUCT! Construction time! I will be on site, constructing the stage + architectural lighting design you choose. Hopefully, we can start construction by the beginning of March. Total construction should take maximum one work-week.

Thank You!



Oedipus Brewery Craft Space

20-12-2024

