

Lighting Power

400amp – 120v, 60 Hz (3 phase) tie in or **2** sets of Camlocks w/ Ground & Neutral reversed – located DSR. *House 96 rack dimming system shares power from this box.

All connections must be made by a State Theatre provided electrician.

Visiting crews are responsible for metering their own power.

There is 1 dedicated 20 amp circuit at the FOH booth for console.

Houselights

The house lights can be operated from the tech booth at the back of the house, or from DSR or DSL at the smoke pocket. The house lights can go to 100% black, aside from the emergency lighting required by local fire ordinances.

In-house lighting system

The house console is a **High End Road Hog 4-21** and external **High End Playback Wing 4** with an external monitor

Instrument Inventory

- **LED(14)** Elation Arena Par Zoom LED Wash lights (used as primary stage wash units)
- (35) ETC Colorsouce LED Pars
- (8) Elation Colour 5 Profile LED Source 4's (used as FOH full stage wash from box boom positions, these 8 lights are pre-focused for a FOH stage wash and cannot be refocused for safety reasons)
- (35) ETC Colorsouce Spot LED Source 4's (12 FOH box boom)
- (5) LED Chroma-Q Colorforce 72 (6') Cyc Lights
- Moles: (2) Elation LED Cuepix Blinder WW4
- **Conventional Lights(60)** ETC Source Four Lekos (mixture 575W and 750W lamps)
 - (23) 19 degree Source Fours Lens (allocated to box booms)
 - (25) 26 degree Source Fours Lens
 - (12) 36 degree Source Fours Lens

- (20) 50 degree Source Fours Lens
- (60) PAR 64's
 - (40) Wide 1,000 watt lamps
 - (40) Medium 1,000 watt lamps
 - (30) Narrow 1,000 watt lamps
 - (10) Very Narrow 1,000 watt lamps

In-house DMX Runs

(4) 5 pin DMX universes & 1 Cat5 ethernet run from FOH Booth to DSR.

Dimmers and Circuits

96 ETC Sensor Rack with 2.4k dimmers. Some have relay constant power modules. These are located in a dimmer room accessible from the fly rail SR.

Stage

There are 130 circuits over the stage, distributed in 13 ten circuit drop boxes. Any free pipe may therefore be designated as an electric. There are 10 circuits DSR.

Front of house

There are 8 circuits at each box boom and 20 circuits on the balcony rail.
Distance from downstage lip to balcony rail is 50'.
Distance from downstage lip to box booms is 65'.

All circuits are run with 16/3 cable; no circuit is able to support a load of more than 1k.

Followspots

There are four followspots at the top of the house, two at the extremes HL and HR, and two at center. Both positions are above balcony seating.

The **two** normally used are **Lycian Superstar 1281 LED 1000 watt**. They are located in the center, at approximately a 45 degree angle from the stage and around 100' throw. Each has one 6-color gel 6" boomerang selector.

The **two** remaining house followspots are **Lycian 1275's**. The spots are located at either extreme. The throw is approximately 100', and the angle is relatively shallow, around 40 degrees. Each has one 6-color gel 4" boomerang selector. Due to the lower position, patrons who get up during the show walk into the beam of light.