

## **LIGHTING INFORMATION**

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### **INDEX**

<b>A NOTE TO VISITING TECHNICAL PERSONEL</b>	<b>page 2</b>
<b>POWER SOURCES</b>	<b>3</b>
<b>STAGE LIGHTING CIRCUIT DISTRIBUTION</b>	<b>4</b>
<b>LIGHTING POSTIONS</b>	<b>4</b>
<b>ADDITIONAL LIGHTING POSITIONS</b>	<b>4</b>
<b>LIGHTING INSTRUMENT INVENTORY</b>	<b>5</b>
<b>MOVING LIGHTS</b>	<b>6</b>
<b>BASIC HOUSE LAYOUT</b>	<b>6</b>
<b>LIFTS</b>	<b>7</b>
<b>DIMMERS</b>	<b>7</b>
<b>COLOUR MEDIA</b>	<b>7</b>
<b>SPECIAL EFFECTS</b>	
• Haze	
• Smoke	
<b>CONSOLE</b>	<b>8</b>
<b>NETWORKS</b>	<b>8</b>

## **A NOTE TO VISITING TECHNICAL PERSONEL**

Centre In The Square uses Lightwright v. 5 and Visual CADD v. 6. We encourage you to send to us, by email, data files for Lightwright and CADD (dwg or dxf file if you are not a Visual CADD user). CADD drawings (plan and elevation) of The Raffi Armenian Theatre at Centre In The Square can be found on the [CADD/Computer Information page](#). Files should be emailed to [thynes@centre-square.com](mailto:thynes@centre-square.com)

## POWER SOURCES

**Power sources** are located stage right with a capacity of 2 x 400A 120/208V 3Ø 60 Hz (i.e. 400 amps per leg) and down stage left with a capacity of 400A 120/208V 3Ø 60 Hz.

The above power sources normally have tails with cam-lok connectors attached.

**Additional power source** is available for stage use (i.e. special effects, etc.) or for TV mobile, recording or other external broadcast equipment at the rear of the building adjacent to the staff parking lot. Power available is 200A 208V 3Ø 60 Hz or 2 x 60 amp 208 3Ø 60 Hz. Panel is located inside on the rear wall of the stage up centre. Cable pass at this location permits introduction of camera cables, audio, power, etc. to and from the building.

60A 120/208v 3Ø 60 Hz power available stage left and right for equipment, etc.

60A 120/208v 3Ø 60 Hz in ceiling above canopy

2 x 60A 208 3Ø power is available at the loading dock for company buses.

### **NOTE:**

Parking at the loading dock for purposes other than loading/unloading is possible by special request only.

By special request, two 400A 120/208V 3Ø 60 Hz additional hook-ups are available for lighting, automation, etc., if the Centre In The Square stage lighting system is not required, but the user must provide cable.

Transfer panel is also located stage right adjacent to the touring power source and all F.O.H. circuits may be powered by the tour control system, if desired. Connectors are grounded stage pin. Standard DMX interface is also available.

All other connectors and receptacles are 20A "twist-lock. A limited number of stage pin to twist-lock and twist-lock to stage pin are available as required.

## STAGE LIGHTING CIRCUIT DISTRIBUTION

F.O.H.	173-20A
Side Walls	63-20A
1 <sup>st</sup> Electric	42-20A
Drop Boxes/Socas	38 with 6 or 8 20A each (Total 236)

***28 circuits are also available in the pit area***

## LIGHTING POSTIONS

Ceiling Cove:	36-20A circuits
Canopy Cove (vertically adjustable):	38-20A
Towers "Box Booms" (location varies):	48-20A
Balcony front:	16-20A
Lighting bridge (vertically adjustable):	32-20A
1st Electric pipe:	42-20A
Cyclorama electric (line #42):	24-20A

## ADDITIONAL LIGHTING POSITIONS

### **Stage side lighting:**

8 rolling booms each incorporating a 3' x 6' frame (4 rungs – top rung at 14' 6") on a 7' mast on a castored, weighted base.

### **Drop Boxes/Socas:**

14 - 6/8 circuit drop boxes Stage Right, 3 - 6 circuit drop boxes Stage Left, 4 - 6 circuit Socas either side (Total 164).

1 - 12 circuit box either side for Cyc Lighting.

## LIGHTING INSTRUMENT INVENTORY

Quantity	Type	Wattage
*36	Source Four 10°(Ceiling Cove)	575 w
*36	Source Four 14°(Canopy Cove)	750 w
4	5° Strand SL	575 w
6	10° Strand SL	575 w
36	Source Four 19°	575 w
16	19° Strand SL	575 w
78	26° Strand SL	575 w
62	36° Strand SL	575 w
10	50° Strand SL	575 w
24	15°/32° Strand SL Zoom	575 w
*9	Selecon Pacific 5.5°-13° Zooms	575 w
24	Par 64 (MFL)	1 kw
116	Source Four PAR (VNSP to WFL)	750 w
32	6" Strand Fresnelite	1 kw
8	8" Strand Fresnelite	2 kw
8	four colour cyc light, Ianiro Iris	3 @ 1 kw, 1 @ 1500 w
12	four colour Altman Ground cyc	4 @ 1 kw
2	Xenon Super Troupers	2 kw
2	Xenon Super Troupers	1 kw
1	Strong Trouperette Followspot	1 kw

## MOVING LIGHTS

<u>Quantity</u>	<u>Type</u>
*10	MAC600 eNT
*8	MAC700 Wash
*8	MAC700 Profile

*\* These instruments are part of the Basic House Layout - See below.*

## BASIC HOUSE LAYOUT

Ceiling cove	36 Source Four 10° (permanently hung)
Balcony front	9 Selecon Pacific 5.5°-13° Zooms (permanently hung)
Canopy cove	32 Source Four 14° (permanently hung), 2 MAC700 Wash, 2 MAC700 Profile
Side Towers	10 MAC600 enNT (3 on top of towers, 2 in middle level on each side)
Truss between Pipes 18 & 19	5 MAC700 Wash on 4' centres splitting Centre and 2 MAC 700 Profile either end(20' off centre)
Cyc lighting	8 Ianniros Iris 4 (normally hung on line #42)

## **LIFTS**

Upright electric 31' battery operated lift.

Upright AB38N articulated boom work platform (20' reach).

## **DIMMERS**

Strand SLD Dimmers

468 dimmers - Dimmer per Circuit

All dimmers are 20A

Contactors modules are available for "clean" power. Some on-stage circuits can be powered separately from the rack (hot patched) to provide fail- safe operation, for F/X, electronic instruments, etc.

## **COLOUR MEDIA**

Most currently listed Roscolux colours and many Lee colours are available both in sheets or rolls and pre-cut, mounted in cardboard frames.

## **SPECIAL EFFECTS**

### **Smoke**

Le Maitre G-300 Smoke/Haze Machine

### **Haze**

2 Ultratec Radiance CLF 2480 Hazers c/w Remote and Versa Fans

## **CONSOLE**

### **Strand Light Palette Live**

For information...visit [Strand Lighting](#)

### **Wireless Remote Focus Unit**

## **NETWORKS**

### **Shownet Network (DMX via Ethernet)**

This network with connections throughout the theatre allows for components to connect to the main console via Ethernet. Console can also output Artnet and Pathport.

### **DMX**

A hard DMX network with patch and opto-splitter Stage Right and connections throughout the theatre including touring board positions.

### **Outlook**

Strand Outlook architectural lighting control system with stations backstage right and in the lighting booth is also used to meet a variety of rehearsal and work light needs.