

PROJECT DETAILS

Project Name : Summit at W.Pryor -
MassageLuxe

Project Code :

Project Location :
, Missouri

PREPARED BY

Ryan Stacy

Voltage Drop Calculations

POWER SOURCE : NAC 1 MODEL NUMBER : HPF24S6 BRAND : HPP CLASS B 20.4 VOLTS DC POWER

CIRCUIT: NAC Circuit 1 3 Amps 14 AWG 17 DEVICES 31.63 % (0.949) AMPS USED 3.27 % (0.667) VOLTAGE DROP

#	MODEL	CANDELA	PATTERN	VOLUME	TONE	CURRENT (amps)	DISTANCE FROM PREVIOUS DEVICE (Ft)	12 AWG	14 AWG	16 AWG	18 AWG
1	PC2RL	15	Temporal	High	Electromechanical	0.071	12	20.354	20.327	20.284	20.216
2	SCRL	15				0.041	16	20.298	20.237	20.141	19.989
3	SCRL	15				0.041	10	20.264	20.184	20.056	19.854
4	PC2RL	15	Temporal	High	Electromechanical	0.071	10	20.232	20.133	19.975	19.725
5	SCRL	15				0.041	8	20.209	20.096	19.916	19.631
6	PC2RL	75	Temporal	High	Electromechanical	0.143	19	20.157	20.013	19.784	19.421
7	SCRL	15				0.041	22	20.109	19.937	19.663	19.229
8	PC2RL	15	Temporal	High	Electromechanical	0.071	16	20.077	19.886	19.582	19.100
9	SCRL	15				0.041	17	20.048	19.839	19.508	18.982
10	SCRL	15				0.041	9	20.034	19.817	19.473	18.926
11	SCRL	15				0.041	9	20.021	19.797	19.441	18.876
12	SCRL	15				0.041	9	20.010	19.779	19.413	18.831
13	PC2RL	15	Temporal	High	Electromechanical	0.071	7	20.003	19.767	19.394	18.801
14	SCRL	15				0.041	15	19.991	19.748	19.364	18.754
15	SCRL	15				0.041	10	19.985	19.738	19.348	18.729
16	PC2RL	15	Temporal	High	Electromechanical	0.071	4	19.983	19.735	19.343	18.722
17	SCRL	15				0.041	9	19.982	19.733	19.339	18.716
Voltage Drop								0.418	0.667	1.061	1.684