

NOTIFICATION APPLIANCE CIRCUIT VOLTAGE DROPS

Salvation Army ARC

Portland, Maine

PANEL	CIRCUIT	WIRE GAUGE	LENGTH	CURRENT DRAW	VOLTAGE DROP	VOLTAGE LOSS	END VOLTAGE @ 24.0VDC		END VOLTAGE @ 20.4VDC		CIRCUIT LOAD	
FCPS	NAC 1	14	250 FT	.973A	1.23	VDC	5.13%	22.77	VDC	19.17	VDC	32%
FCPS	NAC 2	14	101 FT	.198A	0.1	VDC	0.42%	23.9	VDC	20.3	VDC	6%
FCPS	NAC 3	14	119 FT	.344A	0.21	VDC	0.88%	23.79	VDC	20.19	VDC	11%
FCPS #1: 1.515A/8A Spare Capacity: 81%												
Calculated @ Maximum Distance/Current												