

**NOTIFICATION APPLIANCE CIRCUIT VOLTAGE DROPS**

Immucell  
Portland, Maine

PANEL	CIRCUIT	WIRE GAUGE	LENGTH	CURRENT DRAW	VOLTAGE DROP	VOLTAGE LOSS	END VOLTAGE @ 24.0VDC	END VOLTAGE @ 20.4VDC	CIRCUIT LOAD
FACP	NAC 1	14	105 FT	.8A	0.42 VDC	1.75%	23.58 VDC	19.98 VDC	32%
FACP	NAC 2	14	120 FT	.8A	0.48 VDC	2.00%	23.52 VDC	19.92 VDC	32%
FCPS	NAC 1	14	255 FT	1.042A	1.34 VDC	5.58%	22.66 VDC	19.06 VDC	35%
FCPS	NAC 2	14	355 FT	1.391A	2.49 VDC	10.38%	21.51 VDC	17.91 VDC	46%
FCPS	NAC 3	14	180 FT	.728A	0.66 VDC	2.75%	23.34 VDC	19.74 VDC	24%
FCPS	NAC 4	14	155 FT	.96A	0.75 VDC	3.13%	23.25 VDC	19.65 VDC	32%
<b>FCPS #1: 4.121A/8A Spare Capacity: 48%</b>									
Calculated @ Maximum Distance/Current									