

Series Location Voltage Drop Report
 First Light Circuit

Date: Sunday, Mar. 23, 2008

Item Name	Conductor Size	Amperes		Voltage				Distance	
		rated	accum.	rated	start	end	% drop	segment	accum.
First Light	(1) 12 ga., THHN, Cu	1.75	15.75	277	277	266.47	3.80%	238 ft.	238 ft.
2nd Light	(2) 12 ga., THHN, Cu	1.75	14.00	277	266.47	265.80	4.04%	17 ft.	255 ft.
3rd Light	(2) 12 ga., THHN, Cu	1.75	12.25	277	265.80	265.22	4.25%	17 ft.	272 ft.
4th Light	(2) 12 ga., THHN, Cu	1.75	10.50	277	265.22	264.72	4.43%	17 ft.	289 ft.
5th Light	(2) 12 ga., THHN, Cu	1.75	8.75	277	264.72	264.30	4.58%	17 ft.	306 ft.
6th Light	(2) 12 ga., THHN, Cu	1.75	7.00	277	264.30	263.97	4.70%	17 ft.	323 ft.
7th Light	(2) 12 ga., THHN, Cu	1.75	5.25	277	263.97	263.72	4.79%	17 ft.	340 ft.
8th Light	(2) 12 ga., THHN, Cu	1.75	3.50	277	263.72	263.55	4.85%	17 ft.	357 ft.
9th Light	(2) 12 ga., THHN, Cu	1.75	1.75	277	263.55	263.47	4.88%	17 ft.	374 ft.