Daylight Collection and Electricity Generation Analysis 2016

Location: Las Vegas, Nevada	UNIVERSITY OF NEVADA LAS VEGAS	Start Date of Experiement: 02.21.2016
Researcher: Sean Zurko		End Date of Experiement: 02.28.2016

	21-Feb			22-Feb			23-Feb			24-Feb			25-Feb		
	9 a.m.	12 p.m.	3 p.m.	9 a.m.	12 p.m.	3 p.m.	9 a.m.	12 p.m.	3 p.m.	9 a.m.	12 p.m.	3 p.m.	9 a.m.	12 p.m.	3 p.m.
Solar Altitude (Degrees)															
PSM Direct Normal Irradiance Levels															
Daily Outdoor Temperature															
Weather Conditions															
Internal Temperature (test cell)															
Baseline illuminace (FC)															
Internal Light Levels - at 1ft off fixture face (FC)															
Internal Light Levels - Point A															
Internal Light Levels - Point B															
Internal Light Levels - Point C															
Internal Light Levels - Point D															
Internal Light Levels - Point E															
Current Generated by PV (A)															
Voltage Generated by PV (V)															

	26-Feb			27-Feb		
	9 a.m.	12 p.m.	3 p.m.	9 a.m.	12 p.m.	3 p.m.
Solar Altitude (Degrees)						
PSM Direct Normal Irradiance Levels						
Daily Outdoor Temperature						
Weather Conditions						
Internal Temperature (test cell)						
Baseline illuminace (FC)						
Internal Light Levels - at 1ft off fixture face (FC)						
Internal Light Levels - Point A						
Internal Light Levels - Point B						
Internal Light Levels - Point C						
Internal Light Levels - Point D						
Internal Light Levels - Point E						
Current Generated by PV (A)						
Voltage Generated by PV (V)						

Data Analysis	9 a.m.	12 p.m.	3 p.m.	Average
Average illuminance - Point A				
Average illuminance - Point B				
Average illuminance - Point C				
Average illuminance - Point D				
Average illuminance - Point E				
Overall Average Illumiance				
Overall Average Recorded Light Level				
Average Voltage Recorded by Time				
Overall Average Recorded Voltage				
Average Current Recorded by Time				
Overall Average Recorded Current				