

Clean Energy – Readings

Distance (x) = 7cm Intensity of Light = 217 W/m ² Area of the Solar Cell = 22.75 x 10 ⁻⁴ m ²			I _{sc} = 14mA V _{oc} = 1.74 V
Load Resistance	Current (mA)	Voltage (V)	Power (mW)
10	14	0	0
22	14	0.15	2.1
33	14	0.35	4.9
47	14	0.7	9.8
68	14	0.85	11.9
82	12	0.9	10.8
100	12	1.15	13.8
150	10	1.3	13
220	7	1.5	10.5
470	3	1.6	4.8

Model Graph

