

# MALUS'S LAW

## Fall-back Data



- Occasionally time constraints or access to equipment can prevent valid data being collected. In this event fall back data is provided below to allow students to process and complete the data analysis part of this lesson

$$V_{\min}: \underline{218}$$

$$V_0 = V_{\max} - V_{\min}: \underline{\hspace{2cm}}$$

$\theta^\circ$	V (V)	$V_c$ (V)	$V_c/V_0$	$\cos^2\theta$
-90	230			
-85	234			
-80	253			
-75	289			
-70	334			
-65	391			
-60	469			
-55	546			
-50	632			
-45	716			
-40	828			
-35	906			
-30	997			
-25	1082			
-20	1133			
-15	1175			
-10	1217			
-5	1236			
0	1262			
5	1232			
10	1213			
15	1151			
20	1068			
25	1006			
30	937			
35	852			
40	752			
45	666			
50	587			
55	483			
60	431			
65	387			
70	320			
75	263			
80	239			
85	219			
90	218			