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Subject : Viewing Angle of Components

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1) Angle response curve

Angle (degree)	Cosine	Relative Photocurrent (%)					
		GUVx-S2xED SMD1608	GUVx-S1xSD SMD3528	GUVx-T1xGD TO-46	GUVx-T1xGD-L TO-46	GUVx-T2xGD-U TO-39	GUVx-T2xGH TO-5
viewing Angle	-	120°	100°	60°	60°	60°	100°
-90	0.00	1	1	0.5	0	0	1
-80	17.37	15	1	1	1	0	3
-70	34.20	30	4	1	2	1	5
-60	50.00	45	28	2	2	4	23
-50	64.28	60	54	3	4	5	64
-40	76.60	72	70	20	18	8	85
-30	86.60	83	83	62	45	47	93
-20	93.97	90	92	86	75	69	97
-10	98.48	95	98	97	96	93	99
0	100.00	100	100	100	100	100	100
10	98.48	95	98	97	96	93	99
20	93.97	90	92	86	75	69	97
30	86.60	83	83	62	45	47	93
40	76.60	72	70	20	18	8	85
50	64.28	60	54	3	4	5	64
60	50.00	45	28	2	2	4	23
70	34.20	30	5	1	2	1	5
80	17.37	15	1	1	1	0	3
90	0.00	1	1	0.5	0	0	1

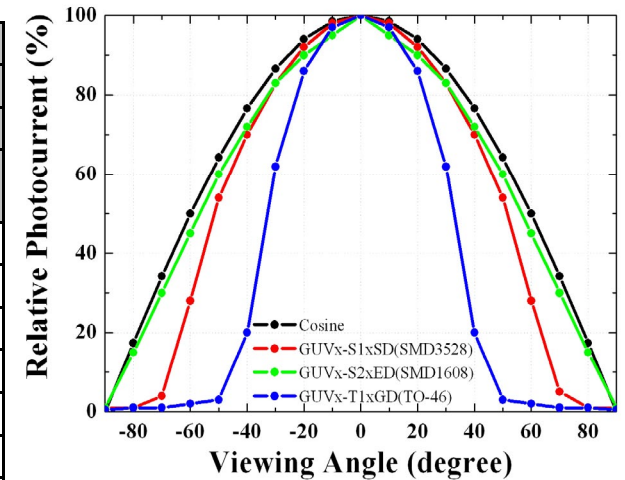


Fig 1-1. Angle response curve

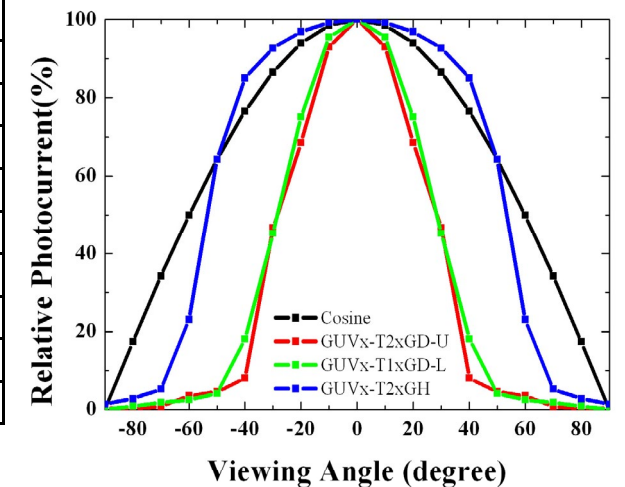


Fig 1-2. Angle response curve

Table 1. Relative photocurrent along incidence angle