



# Electro Optical Components, Inc.

5464 Skylane Boulevard, Suite D, Santa Rosa, CA 95403

Toll Free: 855-EOC-6300

[www.eoc-inc.com](http://www.eoc-inc.com) | [info@eoc-inc.com](mailto:info@eoc-inc.com)



Subject : Viewing Angle of Components

Date : 2012. 04. 20.

1) Angle response curve

Angle (degree)	Cosine	Relative Photocurrent (%)					
		GUVx-S2xED	GUVx-S1xSD	GUVx-T1xGD	GUVx-T1xGD-L	GUVx-T2xGD-U	GUVx-T2xGH
		SMD1608	SMD3528	TO-46	TO-46	TO-39	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

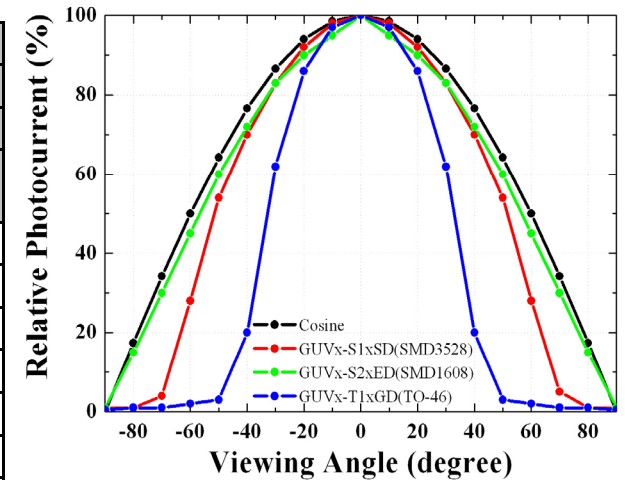


Fig 1-1. Angle response curve

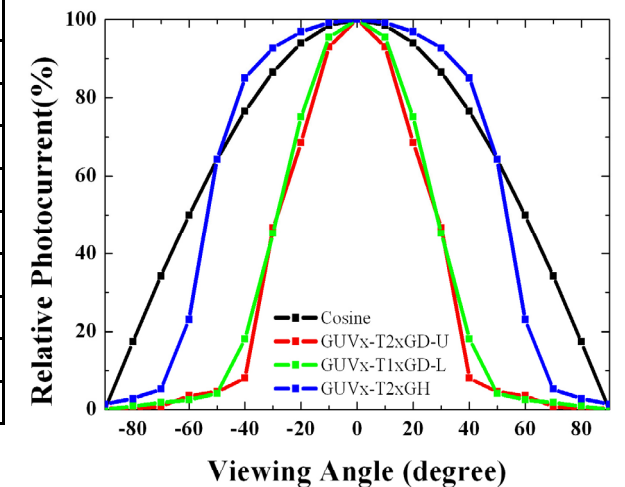


Fig 1-2. Angle response curve

Table 1. Relative photocurrent along incidence angle