

FAQ

Subject : Viewing Angle of Components

Date : 2013. 10. 01.

1) Angle response curve

Angle (degree)	Cosine	Relative Photocurrent (%)					
		GUVx-C2xSD COB2418	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

Fig.1-2

Table 1. Relative photocurrent along incidence angle

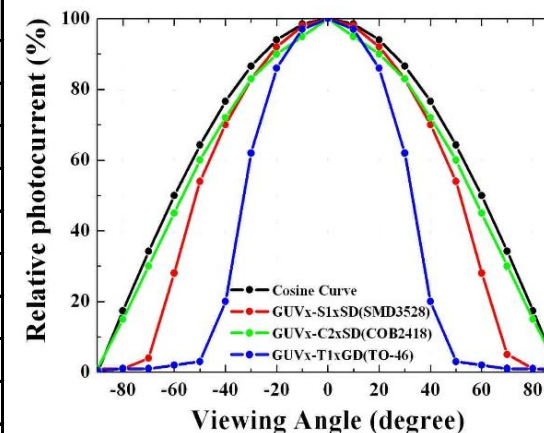


Fig 1-1. Angle response curve

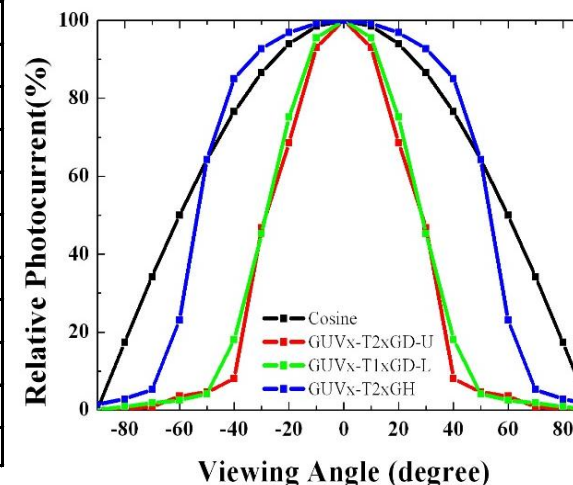


Fig 1-2. Angle response curve