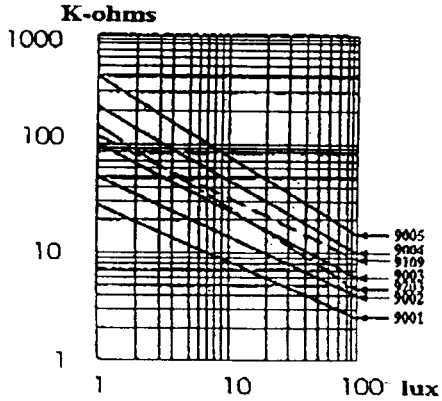
Type No.	Out-line	Maxmum Ratings			Characteristics E (at 25℃)					
		Applied Voltage at 25℃ (Vdc)	Allowable Power Dissipation at 25℃ (mW)	Ambient Temperature Ta (℃)	Cell Resistance A			C 100 ~10 lx Typ.	Response Time at 10 lx 0	
					10 lx (at 2856K)		0 lx B		Rise Time Type (ms)	Decay Time Typ. (ms)
					Min. (kΩ)	Max. (KΩ)	Min. (MΩ)			
9001		150	90	-30~+75	4	11	0.3	0.65	60	25
9002		150	90	-30~+75	9	20	0.5	0.6	60	25
9002-1		150	90	-30~+75	11	27	0.5	0.7	60	25
9003		150	90	-30~+75	16	33	1	0.8	60	25
9003-1		150	90	-30~+75	23	33	1	0.85	60	25
9004		150	90	-30~+75	27	60	2	0.85	60	25
9005		150	90	-30~+75	50	94	2.5	0.9	60	25
9005-1		150	90	-30~+75	48	140	20	0.9	60	25
9006		150	90	-30~+75	80	200	5	1	60	25
9007		150	90	-30~+75	10	100	1	0.8	60	25
9008		150	90	-30~+75	10	200	20	0.85	60	25
9103		150	90	-30~+75	20	45	1	0.8	60	25
9200		150	90	-30~+75	10	50	5	0.9	70	15
9203		150	90	-30~+75	5	20	20	0.9	70	15

· Cell resistance vs. illuminance



A.Measured with the light source of a tungsten lamp operated at a color temperature of 2856K.

B.Measured 10 seconds after removal of incident illuminance of 10 lux.

C.Gamma characteristic between 10 lux and 100 lux and gievn by

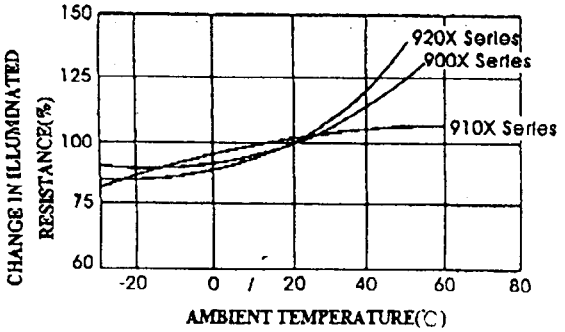
$$= \frac{\log(R100)-\log(R10)}{\log(E100)-\log(E10)}$$

Where R100, R10: cell resistances at 100 lux and 10 lux re spectively
E100, E10: illuminances of 100 lux and 10 lux respec tively

D.The rise time is the time required for the cell conductance to rise to 63% of the saturated level. The decay time is the time required for the cell conductance to decay from the saturated level to 37%.

E. All characteristics are measured with the light history conditions: the CdS cell is exposed to light (100 to 500 lux) for one to two hours.

· Cell resistance vs. temperature



· Out-line Dimension.