

Photodevices

cadmium sulphide photoconductive cells

book 1 part 3

All types: Spectral response range 0.3 to 0.9 μm

Type No.	Incidence of Illumination and Description	Drawing reference	Max. Dissipation (mW) at ($^{\circ}\text{C}$)		Max. Cell Voltage (d.c. or p.k.) (V)	Nominal* Cell Resistance ($\text{k}\Omega$)	Ambient Temperature Limits ($^{\circ}\text{C}$)
ORP12	End-on	BU	200	25	110	2.4	- 10 to +60
ORP60	End-on	BV	70	25	350	60	- 40 to +70
ORP61	Side-on	BV	70 20	25 70	350	60	- 40 to +70
ORP62	Side-on	BV	100	25	350	45	- 40 to +70
ORP69	Side-on and end-on	BV	100	25	350	30	- 40 to +70
RPY58A	Side-on (Monograin)	BW	100	25	50	0.6	- 40 to +60
RPY71	Side-on (Linear monograin)	BW	50	25	50	3.0 to 6.0 (at 10 lux)	- 40 to +70
RPY82	Side-on (Lacquer coated)	BX	300	25	100	0.95	- 40 to +70
RPY84	Side-on (Lacquer coated)	BX	750	25	400	1.15	- 40 to +85
RPY85	Side-on (Lacquer coated)	BX	500	25	200	1.15	- 40 to +85

Measured at 50 lux and with lamp of colour temperature 2700K.