

Phototransistors



Ta=25°C

Device No	Lens Color	Sensitive Wavelength		VCEO	VECO	VCES (Ic=0.5mA)	Ic (Ee=0.5mw/cm ²)		Radiant Sensitive Area mm ²	View Angle 2θ1/2
		λp(nm)	λ(nm)	Min(V)	Typ(V)	Max(V)	Typ(mA)	VEC		

	HPTB3b-14D	Black	940	760~1000	30	5	0.4	1.5	5	0.19
HPTB3b-44D	Water clear	900	500~1100	30	5	0.4	1.5	5	0.19	

	HPTB5-44D-B	Water clear	900	500~1100	30	5	0.4	3.0	5	0.19
HPTB5-14D-B	Black	940	760~1000	30	5	0.4	3.0	5	0.19	30

Phototransistors For Ambient Light



Ta=25°C

Device No	Lens Color	Peak Wavelength	VCEO	VECO	VCES (Ic=2mA)	I _{RL} (Ee=1000Lux)	Sensitive Area (mm ²)	View Angle 2θ1/2
		λp(nm)	Min(V)	Typ(V)	Max(V)	Typ(μA)		

	HPTCL-150J	Water clear	570	30	5	0.3	150	0.38

	HPTC3C-44J	Water clear	570	30	5	0.3	150	0.38	110	