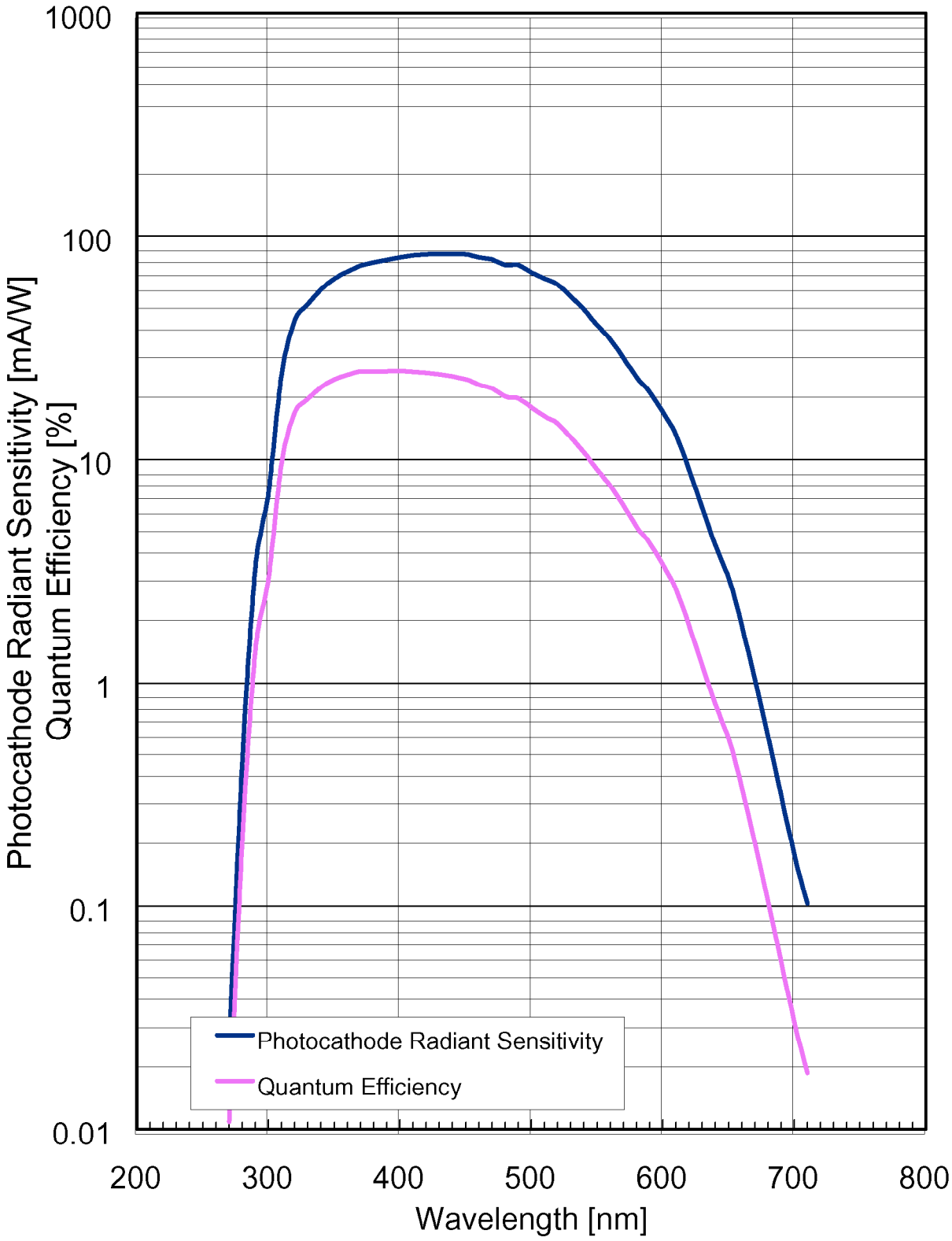
Spectral Response Characteristics

Tube Type : R7081-02



Spectral Response Characteristics

Cathode Radiant Sensitivity [mA/W]

Wavelength [nm]	0	10	20	30	40	50	60	70	80	90
200								0.02	0.44	3.26
300	7.11	23.99	41.98	49.76	57.66	64.57	69.72	74.15	76.28	78.31
400	80.65	82.00	82.98	83.57	83.60	83.16	80.41	78.84	74.32	74.29
500	69.02	64.57	60.81	53.77	47.03	39.92	34.32	28.50	23.38	19.98
600	16.33	12.92	9.00	6.10	4.14	2.93	1.79	1.03	0.57	0.31
700	0.17	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00									

Quantum Efficiency [%]

Wavelength [nm]	0	10	20	30	40	50	60	70	80	90
200								0.01	0.19	1.39
300	2.94	9.60	16.27	18.70	21.03	22.88	24.01	24.85	24.89	24.90
400	25.00	24.80	24.50	24.10	23.56	22.91	21.68	20.80	19.20	18.80
500	17.12	15.70	14.50	12.58	10.80	9.00	7.60	6.20	5.00	4.20
600	3.38	2.63	1.80	1.20	0.80	0.56	0.34	0.19	0.10	0.06
700	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
800	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
900	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000	0.00									