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Photomultiplier tubes assemblies

Tube diameter	Type No.	❶ Out-line No.	Spectral response ❷		Cathode characteristics				Anode characteristics								
			Spectral response range (nm)	Curve code	❸ Q.E. at peak Typ. (%)	❹ Lumi-nous Typ. (μA/lm)	❺ Blue sensitivity index (CS 5-58) Typ.	❻ Radiant Typ. (mA/W)	❼ Anode to cathode supply voltage (V)	❽ Lumi-nous Typ. (A/lm)	❻ Radiant Typ. (A/W)	❾ Gain Typ.	Dark current ❿ Typ. (nA)	Dark current ❿ Max. (nA)	Time response ⓫ Rise time Typ. (ns)	Time response ⓫ Transit time Typ. (ns)	Time response ⓫ T.T.S. Typ. (FWHM) (ns)
10 mm (3/8")	H3164-10	⑧⑤	300 to 650	A-D	25	100	10	80	-1250	100	8.0×10^4	1.0×10^6	1	50	0.8	9.0	0.5
	H3695-10	⑧⑥	160 to 650	C-D	25	100	10	80	-1250	100	8.0×10^4	1.0×10^6	2	50	0.7	9	0.5
13 mm (1/2")	H3165-10	⑧⑦	300 to 650	A-D	25	110	10	80	-1000	150	1.1×10^5	1.4×10^6	1	2	2.1	22	2.0
	H12690	⑧⑧	300 to 650	A-D	25	110	10	80	-1000	220	1.6×10^5	2.0×10^6	0.5	2	1.2	14	1.4
	H12690-300	⑧⑧	300 to 700	H	31	160	14	105	-1000	320	2.1×10^5	2.0×10^6	1	5	1.2	14	1.4
19 mm (3/4")	H6520	⑧⑨	300 to 650	A-D	26	110	10.5	85	-1000	110	8.5×10^4	1.0×10^6	1	5	2.5	27	2.8
	H6524	⑨⓪	300 to 650	A-D	27	115	11.0	88	-1500	200	1.5×10^5	1.7×10^6	3	50	1.8	19	0.76
	H6612	⑨①	300 to 650	A-D	27	115	11.0	88	-1700	200	1.5×10^5	1.7×10^6	10	300	1.3	14	0.36
	H6613	⑨②	160 to 650	C-D	27	115	11.0	88	-1700	120	8.6×10^4	1.0×10^6	10	300	1.3	14	0.36
	H8135	⑨③	300 to 650	A-D	26	90	10.5	85	-1000	50	4.7×10^4	5.5×10^5	3	20	1.3	12	0.8
25 mm (1")	H6533	⑨④	300 to 650	A-D	23	80	9.5	76	-2250	400	3.8×10^5	5.0×10^6	10	200	0.7	10	0.16
	H6152-70	⑨⑤	300 to 650	A-D	23	80	9.5	76	+2000	40	3.8×10^4	5.0×10^5	5	30	1.5	5.6	0.35
	H8643	⑨⑥	300 to 650	A-D	27	95	11.0	88	-1500	160	1.5×10^5	1.7×10^6	2	20	1.6	16	0.7
	H10580	⑨⑦	300 to 650	A-D	27	95	11.0	88	-1300	100	9.3×10^4	1.1×10^6	5	50	1.0	11	0.27
28 mm (1-1/8")	H7415	⑨⑧	300 to 650	A-D	27	100	11.0	88	-1500	500	4.4×10^5	5.0×10^6	10	200	1.7	16	0.5
38 mm (1-1/2")	H3178-51	⑨⑨	300 to 650	A-D	27	95	11.0	88	-1500	75	7.0×10^4	7.9×10^5	2	15	2.7	40	4.5
	H8409-70	⑩⓪	300 to 650	A-D	23	80	9.5	76	+2000	800	7.6×10^5	1.0×10^7	15	100	2.1	7.5	0.35
51 mm (2")	H6410	⑩①	300 to 650	A-D	26	90	10.5	85	-2000	270	2.5×10^5	3.0×10^6	10	100	2.7	40	1.1
	H7195	⑩②	300 to 650	A-D	26	90	10.5	85	-2000	270	2.5×10^5	3.0×10^6	10	100	2.7	40	1.1
	H1949-50	⑩③	300 to 650	A-D	26	90	10.5	85	-2500	1800	1.7×10^6	2.0×10^7	50	400	1.3	28	0.55
	H1949-51	⑩④	300 to 650	A-D	26	90	10.5	85	-2500	1800	1.7×10^6	2.0×10^7	50	400	1.3	28	0.55
	H2431-50	⑩⑤	300 to 650	A-D	25	80	10.0	80	-3000	200	2.0×10^5	2.5×10^6	100	800	0.8	16	0.37
	H6614-70	⑩⑥	300 to 650	A-D	22	70	9.0	72	+2000	700	7.2×10^5	1.0×10^6	30	200	2.5	9.5	0.44
76 mm (3")	H6559	⑩⑦	300 to 650	A-D	26	90	10.5	85	-2000	900	8.5×10^5	1.0×10^7	30	120	2.7	40	1.5
127 mm (5")	H6527	⑩⑧	300 to 650	A-D	22	70	9.0	72	-3000	1000	1.0×10^6	1.4×10^7	50	300	2.5	54	1.2

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