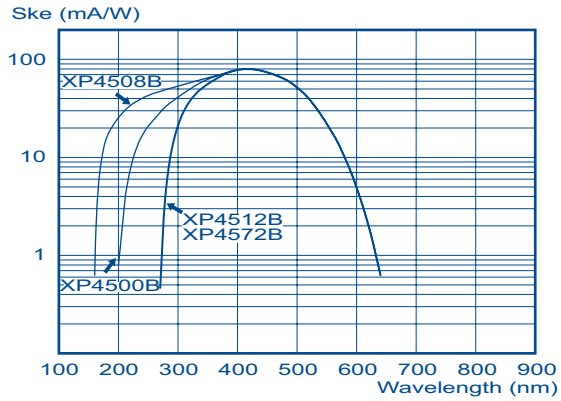
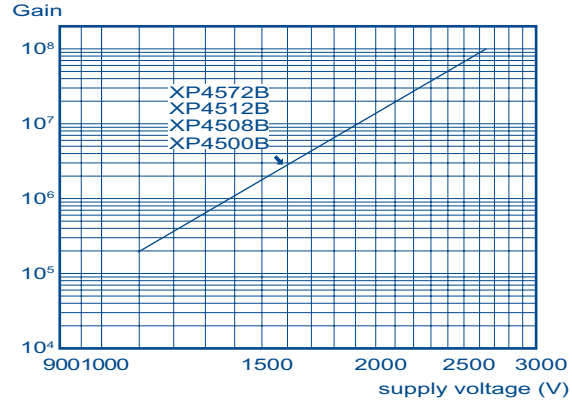
130 mm (5’’) tubes

		XP4500B	XP4508B	XP4512B	XP4572B
Key features		fast, with concave-convex UV-transmitting window	fast, UV-sensitive	fast	semi-fast, high PHR
Dynode structure / number of stages		focused/10	focused/10	focused/10	b.l./10
Cathode luminous sensitivity (µA/lm)	typ.	70	65	70	70
Cathode blue sensitivity (µA/lmF)	min	9	8	8	8
	typ.	10.5	10	10	10
Cathode radiant sensitivity (mA/W)	typ. at (nm)	80 mA/W 190 420 650	80 mA/W 160 420 650	80 mA/W 270 420 650	80 mA/W 270 420 650
Gain	typ.	$2x10^7$	$2x10^7$	$2x10^7$	$2x10^7$
Supply voltage	typ.	2 100	2 100	2 100	2 100
	min. (V)	1800	1450	1450	1450
	max. (V)	2500	2500	2500	2600
Anode dark current	typ. (nA)	90	30	90	90
	max. (nA)	400	600	400	400
Anode dark counts	typ. (cps)	---	---	---	---
	max. (cps)	---	---	---	---
Max. anode pulse current for linearity 2% (mA)		80	80	80	80
Time response	rise (ns)	2.5	2.1	2.5	4.3
	FWHM (ns)	3.8	3	3.8	5.5
PHR (%)		---	---	---	---
Maximum ratings	supply voltage (V)	2700	2700	2700	2700
	gain	$1x10^8$	$1x10^8$	$1x10^8$	$1x10^8$
Accessories	Voltage divider	VD105K, VD305K	VD105K, VD305K	VD105K, VD305K	VD105K, VD305K
	Socket	FE1120	FE1120	FE1120	FE1120
	Mu-metal shields	MS175	MS175	MS175	MS175

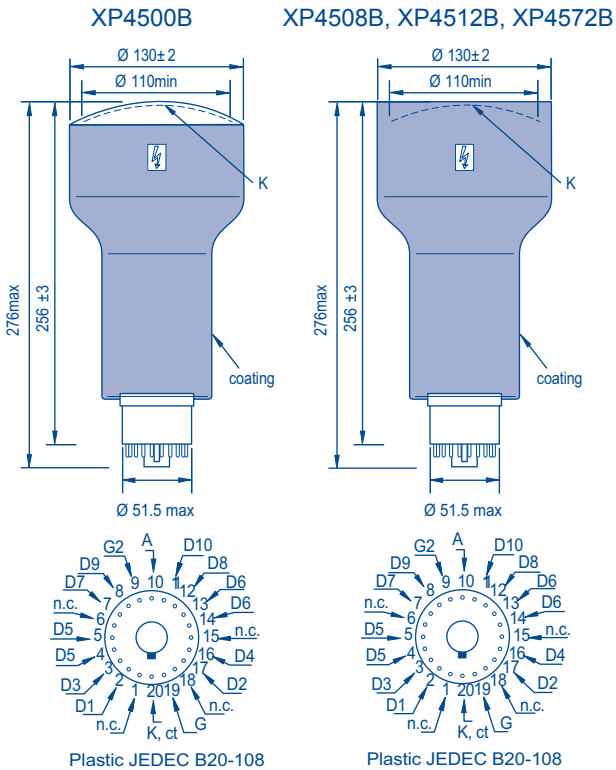
Typical spectral characteristics



Typical gain curves



Dimensions and pinning



Voltage dividers

Tube	A divider type voltage ratios										
	K	G	D1	D2	...	Dn-4	Dn-3	Dn-2	Dn-1	Dn	A
XP4500B, XP4508B, XP4512B, XP4572B	~4	7	2	1	...	1	1.5	2	2.5	3	2.5