

## Image Intensifier Tubes

Type	Generation	Stages	Input	Output	Cathode	Screen	MIL-Spec	Typ. Resp. 2856K	Typ. Resp. 800 nm	Typ. Resp. 850 nm	Gain	Resolution (center)	Resolution (peripheral)	E.B.I.
XX 1140 XX 1066	1. Gen.	3-stage with PS	25 mm fiberoptic	25 mm fiberoptic	S25	P20	MIL-I-55340	300 $\mu$ A/lm*	20mA/W*	15mA/W*	min. 40000 lm/lm <sup>(1)</sup>	28 lp/mm	25 lp/mm	0,2 $\mu$ lx
XX 1190 XX 1192	1. Gen. inverter	1-stage	25 mm fiberoptic	25 mm fiberoptic	S25	P20	MIL-M-55554	300 $\mu$ A/lm*	30 mA/W*	20 mA/W*	min. 65 lm/lm <sup>(2)</sup>	64 lp/mm	57 lp/mm	0,2 $\mu$ lx
XX 1200	1. Gen. inverter	1-stage	18 mm fiberoptic	18 mm fiberoptic	S25	P20	MIL-M-55660	300 $\mu$ A/lm*	30 mA/W*	20 mA/W*	min. 65 lm/lm <sup>(2)</sup>	64 lp/mm	57 lp/mm	0,2 $\mu$ lx
XX 1211	1. Gen. inverter	3-stage with PS	18 mm fiberoptic	18 mm fiberoptic	S25	P20	MIL-I-55553	300 $\mu$ A/lm*	30 mA/W*	20 mA/W*	min. 30000 lm/lm <sup>(1)</sup>	32 lp/mm	25 lp/mm	0,2 $\mu$ lx
XX 1270	1. Gen. inverter	2-stage with PS	18 mm fiberoptic	7 mm glass	S25	P20		300 $\mu$ A/lm*	20 mA/W*	15 mA/W*	min. 9000 lm/lm <sup>(1)</sup>	25 lp/mm	25 lp/mm	0,2 $\mu$ lx
XX 1400	2. Gen. inverter	1-stage with PS (potted)	25 mm fiberoptic	25 mm fiberoptic	S25	P20	MIL-I-49040 D	300 $\mu$ A/lm*	30 mA/W*	20 mA/W*	30000-70000 lm/lm <sup>(1)</sup>	28 lp/mm	25 lp/mm	0,2 $\mu$ lx
XX 1430	1. Gen. inverter	1-stage without PS (potted)	40 mm fiberoptic	40 mm fiberoptic	S25	P20	MIL-M-55555	300 $\mu$ A/lm*	30 mA/W*	20 mA/W*	min. 65 lm/lm <sup>(2)</sup>	64 lp/mm	57 lp/mm	0,2 $\mu$ lx
XX 1510	1. Gen.	3-stage with PS	40 mm fiberoptic	40 mm fiberoptic	S25	P20	MIL-M-55345	300 $\mu$ A/lm*	30 mA/W*	20 mA/W*	min 40000 lm/lm <sup>(1)*</sup>	28 lp/mm *	25 lp/mm *	0,2 $\mu$ lx
XX 1800 A	2. Gen. proximity focussed	1-stage with PS (potted)	17,5 mm* fiberoptic	17,5 mm* fo. inverter concave	S25	P20		300 $\mu$ A/lm*	25 mA/W*	15 mA/W*	min 40000 lm/lm <sup>(1)*</sup>	28 lp/mm *	28 lp/mm *	0,25 $\mu$ lx
XX 1800 B	2. Gen. proximity focussed	1-stage with PS (potted)	17,5 mm* fiberoptic	17,5 mm* fiberoptic straight	S25	P20		300 $\mu$ A/lm*	25 mA/W*	15 mA/W*	min 40000 lm/lm <sup>(1)*</sup>	28 lp/mm *	28 lp/mm *	0,25 $\mu$ lx

## Infrared Image Converter Tubes

Type	Generation	Stages	Input	Output	Cathode	Screen	MIL-Spec	Conversion Coefficient	Resolution (center)	Resolution (peripheral)	E.B.I.
6914	0. Gen. Inverter	single IR converter	25,4 mm glass	21,8 mm glass	S1	P20	MIL-E-1/1049 VG 96056 Part 7	> 0,60 cd/lm	50 lp/mm	12 lp/mm	25 mlx
8598	0. Gen. Inverter	single IR converter	11 mm glass	11 mm glass	S1	P20	VG 95056 Part 5	> 0,50 cd/lm	60 lp/mm	16 lp/mm	25 mlx

## Low Light Level TV Camera Tubes

Type	Generation	Stages	Input	Output	Cathode	Screen
XQ 1340	1. Gen. Vidicon	low light level TV tube	20 mm fiberoptic	20 mm silicon multidiode target	S25	Vidicon

(1) at 50 $\mu$ lx  
(2) at 0,3...0,5 lx

\* typical (min)

PS power supply