

## Ready-To-Use Photomultiplier Selection Guide

Side-Window Type						
Tube Type	Size/Shape	Description	Socket Only	Socket with Divider	Power Supply	Socket with Divider & Power Supply
1P21	1-1/8 inch	9 stage standard PMT, Entire Series	AJ2256	AJ2312 <sup>3</sup>	PF1041N/P	PF1042/PF1043
1P28 /A /B	1-1/8 inch	9-stage standard PMT, Entire series	AJ2256	AJ2312 <sup>3</sup>	PF104N/P	PF1042/PF1043
931A /B	1-1/8 inch	9-stage standard PMT	AJ2256	AJ2312 <sup>3</sup>	PF104N/P	PF1042/PF1043
Head-On Types						
83049 540	3-inch round	IPA, pos HV, standard VDN			PF1041P	
83049 541	3-inch round	IPA, pos HV, tapered VDN			PF1041P	
83049 550	3-inch round	IPA, pos HV, standard VDN			PF1041N	
83049 551	3-inch round	IPA, pos HV, tapered VDN			PF1041N	
83054 540	2-inch round	IPA, pos HV, standard VDN			PF1041P	
83054 541	2-inch round	IPA, pos HV, tapered VDN			PF1041P	
83054 550	2-inch round	IPA, pos HV, standard VDN			PF1041N	
83054 551	2-inch round	IPA, pos HV, tapered VDN			PF1041N	
83056 540	3-inch hex	IPA, pos HV, standard VDN			PF1041P	
83056 541	3-inch hex	IPA, pos HV, tapered VDN			PF1041P	
83056 550	3-inch hex	IPA, pos HV, standard VDN			PF1041N	
83056 551	3-inch hex	IPA, pos HV, tapered VDN			PF1041N	
S83068E	1-1/8 inch round	Standard stiff-pin PMT	AJ2263B	AJ2313/AJ2313A <sup>2</sup>	PF1041N/P	
83068 640	1-1/8 inch round	68E, electrostatic shield, insulated wrap	AJ2263B	AJ2313/AJ2313A <sup>2</sup>	PF1041N/P	
83079 540	3-inch square	IPA, pos HV, standard VDN			PF1041P	
83079 541	3-inch square	IPA, pos HV, tapered VDN			PF1041P	
83079 550	3-inch square	IPA, pos HV, standard VDN			PF1041N	
83079 551	3-inch square	IPA, pos HV, tapered VDN			PF1041N	
83089 600	1-1/8 inch round	Stiff-pin S83063E	AJ2263B	AJ2313/AJ2313A <sup>4</sup>	PF1041N/P	
83089 640	1-1/8 inch round	83089 600, electrostatic shield, insulated wrap	AJ2263B	AJ2313/AJ2313A <sup>4</sup>	PF1041N/P	
83090 600	3/4 inch round	9-stage standard stiff-pin PMT			PF1041N/P	

IPA=Photodetection Assembly POS=Positive NEG=Negative VDN=Voltage Divider Network

### Notes:

- (1) An IPA requires only a power supply for complete operation.
- (2) Use AJ2312, AJ2313 and AJ2313A with the PF1041N Power Supply only.
- (3) See figure 5 on page 41 of Burle Photomultiplier Catalog
- (4) See figure 6 on page 41 of Burle Photomultiplier Catalog