

Properties	ArrayJ-3003 5- 64P-PCB	ArrayJ-6003 5- 64P-PCB	ArrayC- 30035- 144P-PCB	S13361- 3050AE-04	S13361- 3050AE-08	Hamamatsu R6091	ET 9821KB
Spectral Range	200-900 nm	200-900 nm	300-800 nm	320-900 nm	320-900 nm	300-650 nm	285-630 nm
Peak Wavelength Response	420 nm	420 nm	420 nm	450 nm	450 nm	420 nm	360 nm
Active Area	24 x 24 mm <sup>2</sup> total	48 x 48 mm <sup>2</sup> total	36 x 36 mm <sup>2</sup> total	12 x 12 mm <sup>2</sup> total	24 x 24 mm <sup>2</sup> total	65 mm Diameter	67 mm Diameter
Operating Voltage	24.5-30.5 V	24.5-30.5 V	25.2-29.7 V	48-61 V	48-61 V	2500 V Max	2600 V Max
Gain	5.3 x 10 <sup>6</sup>	5.3 x 10 <sup>6</sup>	3 x 10 <sup>6</sup> standard 4.3 x 10 <sup>4</sup> fast	1.7 x 10 <sup>6</sup>	1.7 x 10 <sup>6</sup>	5 x 10 <sup>6</sup>	27 x 10 <sup>6</sup>
Rise Time	100 picoseconds standard	300 picoseconds standard	0.6 ns fast	Not Listed	Not Listed	2.6 ns	2.1 ns
FWHM	1.4 ns fast	3 ns fast	1.5 ns fast	Not Listed	Not Listed	2.0 ns	3.2 ns
PDE (SiPM) QE (PMT)	31-51 %	31-51 %	31-41 %	40%	40%	26%	30%