

Flow Cell Type	SP	S1	S2	S4
1 × 35 bp				280–350 Gb
2 × 50 bp	65–80 Gb	134–167 Gb	333–417 Gb	
2 × 100 bp	134–167 Gb	266–333 Gb	667–833 Gb	1600–2000 Gb
2 × 150 bp	200–250 Gb	400–500 Gb	1000–1250 Gb	2400–3000 Gb
2 x 250 bp	325-400 Gb			
<b>Reads Passing Filter Per Flow Cell</b>				
Single-end Reads (Clusters)	650–800 M	1.3–1.6 B	3.3 B–4.1 B	8-10 B
<b>Quality Scores* (average across the entire run)</b>				
1 × 35 bp	≥ 90% of bases higher than Q30 at 1 × 35 bp			
2 × 50 bp	≥ 90% of bases higher than Q30 at 2 × 50 bp			
2 × 100 bp	≥ 85% of bases higher than Q30 at 2 × 100 bp			
2 × 150 bp	≥ 85% of bases higher than Q30 at 2 × 150 bp			
2 x 250 bp	≥ 75% of bases higher than Q30 at 2 × 250 bp			

\*Specifications based on Illumina PhiX control library at supported cluster densities. Performance may vary based on library type and quality, insert size, loading concentration, and other experimental factors.