



Fig.	Description	Emitted Color	Lens	Dominant Wavelength (nm)	Vf Typ. (V)	If Max. (mA)	Iv (mcd) @ 20mA	Viewing Angle (2x Theta)	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel		Kingbright Part No.	
										1	10	25		Qty.	Pricing		
1	3 x 2mm	Green	Water Clear	570	2.1	30	60	90°	754-1000-1-ND	.35	2.57	5.14	754-1000-2-ND	2,000	103.24/M	AA3020ACGCK	
	3 x 2mm	HE Red	Water Clear	625	2.0	30	20	90°	754-1001-1-ND	.30	2.23	4.47	754-1001-2-ND	2,000	89.78/M	AA3020AEC	
	3 x 2mm	Blue	Water Clear	470	3.2	30	60	90°	754-1002-1-ND	.66	4.93	9.85	754-1002-2-ND	2,000	197.50/M	AA3020APBC/A	
	3 x 2mm	Blue	Water Clear	470	3.2	30	160	90°	754-1389-1-ND	.44	3.29	6.56	754-1389-2-ND	2,000	131.30/M	AA3020AQB/C/D	
	3 x 2mm	Super Orange	Water Clear	601	2.1	30	150	90°	754-1003-1-ND	.34	2.48	4.97	754-1003-2-ND	2,000	99.87/M	AA3020ASECK	
	3 x 2mm	Super Green	Water Clear	568	2.2	25	30	90°	754-1004-1-ND	.30	2.23	4.47	754-1004-2-ND	2,000	89.78/M	AA3020ASGC	
	3 x 2mm	Super Red	Water Clear	640	1.85	30	120	90°	754-1005-1-ND	.31	2.31	4.63	754-1005-2-ND	2,000	93.14/M	AA3020ASRC	
	3 x 2mm	Hyper Red	Water Clear	630	1.95	30	200	90°	754-1006-1-ND	.34	2.48	4.97	754-1006-2-ND	2,000	99.87/M	AA3020ASURCK	
	3 x 2mm	Green	Water Clear	525	3.3	25	500	90°	754-1390-1-ND	.73	5.48	10.94	754-1390-2-ND	2,000	218.82/M	AA3020AZGCK	
	3 x 2mm	Blue	Water Clear	470	3.3	30	200	125°	754-1499-1-ND	.39	2.95	5.89	754-1499-2-ND	2,000	117.83/M	AA3021DBCT/D	
2	4 x 4mm	Green	Water Clear	570	2.1	30	70	90°	754-1017-1-ND	.48	3.58	7.16	754-1017-2-ND	500	85.85	AA4040CGCK	
	4 x 4mm	Blue	Water Clear	470	3.3	30	150	90°	754-1018-1-ND	.63	4.67	9.35	754-1018-2-ND	500	112.10	AA4040BC/D	
	4 x 4mm	Super Orange	Water Clear	601	2.1	30	300	90°	754-1400-1-ND	.52	3.83	7.66	754-1400-2-ND	500	91.90	AA4040SECK	
	4 x 4mm	Super Green	Water Clear	568	2.2	25	25	90°	754-1019-1-ND	.44	3.29	6.56	754-1019-2-ND	500	78.55	AA4040SGCK	
	4 x 4mm	Super Red	Water Clear	640	1.85	30	120	90°	754-1020-1-ND	.44	3.29	6.56	754-1020-2-ND	500	78.55	AA4040SRC	
	4 x 4mm	Hyper Red	Water Clear	630	1.95	30	180	90°	754-1021-1-ND	.52	3.83	7.66	754-1021-2-ND	500	92.02	AA4040SURCK	
	4 x 4mm	Super Yellow	Water Clear	590	2.0	30	120	90°	754-1022-1-ND	.52	3.83	7.66	754-1022-2-ND	500	92.02	AA4040SYCK	
	4 x 4mm	Green	Water Clear	525	3.3	25	600	90°	754-1401-1-ND	1.17	8.75	17.51	754-1401-2-ND	500	210.07	AA4040ZGCK	
3	3.5 x 2.8mm	Green	Water Clear	570	2.1	30	60	120°	754-1009-1-ND	.35	2.57	5.14	754-1009-2-ND	1,500	103.24/M	AA3528ACGCK	
	3.5 x 2.8mm	HE Red	Water Clear	625	2.0	30	30	120°	754-1010-1-ND	.29	2.14	4.30	754-1010-2-ND	1,500	86.41/M	AA3528AEC	
	3.5 x 2.8mm	Pink	Water Clear	0.3/0.2\$	3.3	30	290	120°	754-1312-1-ND	1.60	11.23	24.07	754-1312-2-ND	1,500	481.41/M	AA3528APR2C/A	
	3.5 x 2.8mm	Purple	Water Clear	0.2/0.1\$	3.3	30	160	120°	754-1313-1-ND	1.60	11.23	24.07	754-1313-2-ND	1,500	481.41/M	AA3528APR7C/A	
	3.5 x 2.8mm	Blue	Water Clear	470	3.3	30	200	120°	754-1397-1-ND	.44	3.29	6.56	754-1397-2-ND	1,500	131.30/M	AA3528AQB/C/D	
	3.5 x 2.8mm	Super Orange	Water Clear	601	2.1	30	300	120°	754-1398-1-ND	.34	2.48	4.97	754-1398-2-ND	1,500	99.32/M	AA3528ASECK	
	3.5 x 2.8mm	Super Green	Water Clear	568	2.2	25	25	120°	754-1012-1-ND	.29	2.14	4.30	754-1012-2-ND	1,500	86.41/M	AA3528ASGC	
	3.5 x 2.8mm	Super Red	Water Clear	640	1.85	30	150	120°	754-1013-1-ND	.29	2.14	4.30	754-1013-2-ND	1,500	86.41/M	AA3528ASRC	
	3.5 x 2.8mm	Hyper Red	Water Clear	630	1.95	30	200	120°	754-1014-1-ND	.34	2.48	4.97	754-1014-2-ND	1,500	99.88/M	AA3528ASURCK	
	3.5 x 2.8mm	Super Yellow	Water Clear	590	2.0	30	150	120°	754-1015-1-ND	.34	2.48	4.97	754-1015-2-ND	1,500	99.88/M	AA3528ASYCK	
4	3.5 x 2.8mm	Yellow	Water Clear	588	2.1	30	15	120°	754-1016-1-ND	.29	2.14	4.30	754-1016-2-ND	1,500	86.41/M	AA3528AYC	
	3.5 x 2.8mm	Green	Water Clear	525	3.3	30	600	120°	754-1399-1-ND	.73	5.48	10.94	754-1399-2-ND	1,500	218.82/M	AA3528AZGCK	
	3.5 x 2.8mm	Blue	Water Clear	470	3.3	30	200	120°	754-1498-1-ND	.39	2.95	5.89	754-1498-2-ND	1,500	117.83/M	AA3528AQB/C/D	
	1.6 x 0.6mm	Green	Water Clear	570	2.1	30	60	110°	754-1051-1-ND	.29	2.19	4.38	754-1051-2-ND	2,000	87.53/M	APA1606CGCK	
	1.6 x 0.6mm	Blue	Water Clear	470	3.2	30	60	110°	754-1052-1-ND	.63	4.67	9.35	754-1052-2-ND	2,000	187.40/M	APA1606PBC/A	
	1.6 x 0.6mm	Blue	Water Clear	470	3.3	30	90	110°	754-1424-1-ND	.48	3.58	7.16	754-1424-2-ND	2,000	143.08/M	APA1606QB/C/D	
	1.6 x 0.6mm	Super Orange	Water Clear	601	2.1	30	250	110°	754-1053-1-ND	.27	1.98	3.96	754-1053-2-ND	2,000	79.68/M	APA1606SECK	
	1.6 x 0.6mm	Hyper Red	Water Clear	630	1.95	30	250	110°	754-1054-1-ND	.27	1.98	3.96	754-1054-2-ND	2,000	79.68/M	APA1606SURCK	
	1.6 x 0.6mm	Super Yellow	Water Clear	590	2.0	30	150	110°	754-1055-1-ND	.27	1.98	3.96	754-1055-2-ND	2,000	79.68/M	APA1606SYCK	
	1.6 x 0.6mm	Green	Water Clear	525	3.3	25	250	110°	754-1056-1-ND	.81	6.01	12.04	754-1056-2-ND	2,000	240.71/M	APA1606ZGCK	
5	2.1 x 0.6mm	Green	Water Clear	570	2.1	30	60	120°	754-1057-1-ND	.29	2.19	4.38	754-1057-2-ND	2,000	87.53/M	APA2106CGCK	
	2.1 x 0.6mm	Blue	Water Clear	470	3.2	30	60	120°	754-1058-1-ND	.63	4.67	9.35	754-1058-2-ND	2,000	187.40/M	APA2106PBC/A	
	2.1 x 0.6mm	Blue	Water Clear	470	3.3	30	90	120°	754-1425-1-ND	.55	4.13	8.25	754-1425-2-ND	2,000	164.96/M	APA2106QB/C/D	
	2.1 x 0.6mm	Super Orange	Water Clear	601	2.1	30	250	120°	754-1059-1-ND	.27	1.98	3.96	754-1059-2-ND	2,000	79.68/M	APA2106SECK	
	2.1 x 0.6mm	Hyper Red	Water Clear	630	1.95	30	250	120°	754-1060-1-ND	.27	1.98	3.96	754-1060-2-ND	2,000	79.68/M	APA2106SURCK	
	2.1 x 0.6mm	Super Yellow	Water Clear	590	2.0	30	150	120°	754-1061-1-ND	.27	1.98	3.96	754-1061-2-ND	2,000	79.68/M	APA2106SYCK	
	2.1 x 0.6mm	Green	Water Clear	525	3.3	25	250	120°	754-1062-1-ND	.88	6.56	13.13	754-1062-2-ND	2,000	262.59/M	APA2106ZGCK	
	3.0 x 1.0mm	Super Green	Water Clear	568	2.2	25	15	120°	754-1071-1-ND	.26	1.94	3.87	—	—	—	—	APA3010SGC
	3.0 x 1.0mm	Yellow	Water Clear	588	2.1	30	7	120°	754-1074-1-ND	.26	1.94	3.87	—	—	—	—	APA3010YCC
	3.0 x 1.0mm	Green	Water Clear	525	3.3	25	250	120°	754-1075-1-ND	.88	6.56	13.13	—	—	—	—	APA3010ZGCK
9	3.2 x 2.4mm	Green/HE Red	Water Clear	568/625	2.2/2.0	25/30	40/60	20°	754-1076-1-ND	.40	3.03	6.06	754-1076-2-ND	1,500	121.20/M	APBD3224ESGC-F01	
	3.2 x 2.4mm	Green/Yellow	Water Clear	570/590	2.1/2.0	30/30	300/500	20°	754-1077-1-ND	.44	3.29	6.56	754-1077-2-ND	1,500	131.30/M	APBD3224SYCKGCK-F01	
10	3.0 x 2.5mm	Green/HE Red	Water Clear	568/625	2.2/2.0	25/30	20/20	100°	754-1078-1-ND	.40	3.03	6.06	754-1078-2-ND	2,000	121.20/M	APBL3025ESGC-F01	
	3.0 x 2.5mm	Yellow/HE Red	Water Clear	588/625	2.1/2.0	30/30	15/20	100°	754-1079-1-ND	.40	3.03	6.06	—	—	—	—	APBL3025EYCC-F01
	3.0 x 2.5mm	Green/Yellow	Water Clear	568/588	2.2/2.1	25/30	20/15	100°	754-1080-1-ND	.40	3.03	6.06	754-1080-2-ND	2,000	121.20/M	APBL3025SYGC-F01	
	3.2 x 2.4mm	Green	Water Clear	570	2.1	30	55	20°	754-1081-1-ND	.34	2.48	4.97	754-1081-2-ND	1,500	99.88/M	APD3224CGCK-F01	
11	3.2 x 2.4mm	HE Red	Water Clear	625	2.0	30	70	20°	754-1082-1-ND	.25	1.81	3.62	754-1082-2-ND	1,500	72.94/M	APD3224ECC-F01	
	3.2 x 2.4mm	Blue	Water Clear	470	3.3	30	900	20°	754-1493-1-ND	.63	4.67	9.35	754-1493-2-ND	1,500	186.84/M	APD3224QB/C-F01	
	3.2 x 2.4mm	Super Orange	Water Clear	601	2.1	30	1300	20°	754-1084-1-ND	.30	2.23	4.47	754-1084-2-ND	1,500	89.78/M	APD3224SECK-F01	
	3.2 x 2.4mm	Super Green	Water Clear	568	2.2	25	70	20°	754-1085-1-ND	.25	1.81	3.62	754-1085-2-ND	1,500	72.94/M	APD3224SGC-F01	
	3.2 x 2.4mm	Hyper Red	Water Clear	630	1.95	30	1000	20°	754-1086-1-ND	.30	2.23	4.47	754-1086-2-ND	1,500	89.78/M	APD3224SURCK-F01	
	3.2 x 2.4mm	Super Yellow	Water Clear	590	2.0	30	600	20°	754-1087-1-ND	.30	2.23	4.47	754-1087-2-ND	1,500	89.78/M	APD3224SYCK-F01	
	3.2 x 2.4mm	Yellow	Water Clear	588	2.1	30	40	20°	754-1088-1-ND	.25	1.81	3.62	—	—	—	—	APD3224YCC-F01
	3.2 x 2.4mm	Green	Water Clear	525	3.3	25	2400	20°	754-1089-1-ND	.81	6.01	12.04	754-1089-2-ND	1,500	240.70/M	APD3224ZGCK-F01	
	3.2 x 3.6mm	HE Red/Green/Blue	Water Clear	630/525/470	1.95/3.3/3.3	30/25/30	220/300/100	120°	754-1507-1-ND	1.65	12.33	24.67	754-1507-2-ND	1,000	493.19	APF3236SURKZGBOBC	

✓ NEW! \$ Chromaticity Coordinates ‡ Iv (mcd) @ 10mA ▼ Vf (mcd) @ 30mA * Iv (mcd) @ 50mA † Iv (mcd) @ 120