



Fig.	Emitted Color	Lens Color	Wave Peak (nm)	Forward Voltage (V) (Typ.)	Forward Current (mA)	Typ. mcd @ Current (mA)	View Angle (°)	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel§		Osram Part No.	
									1	10	100	Qty.	Pricing		
8	Green	Clear	572	2.0	30	79 @ 20	120	475-1403-1-ND	.22	1.88	15.07	2,000	113.01/M	LG A676-P102-24-0-20-R33-Z	
	True Green	Clear	529	3.0	20	130 @ 10	120	475-2528-1-ND	.79	6.64	53.11	2,000	398.30/M	LT A673-N2S1-35-0-10-R33-Z	
	True Green	Clear	523	3.5	20	562 @ 20	120	475-2529-1-ND	1.00	8.34	66.69	2,000	500.19/M	LT A67C-S2V1-35-0-20-R33-Z	
	True Green	Clear	528	3.2	50	1,255 @ 20	120	475-2772-1-ND	.93	7.72	61.75	2,000	463.13/M	LT A6SG-V1AB-36-Z	
	True Green	Clear	528	3.5	20	560 @ 20	120	475-1164-1-ND	1.05	8.76	70.03	2,000	525.19/M	LT A67C-S2U1-35-Z	
	True Green	Clear	528	3.5	20	627.5 @ 20	120	475-2771-1-ND	1.07	8.98	71.82	2,000	538.66/M	LT A673-Q1R2-25-Z	
	True Green	Clear	529	3.0	20	125.5 @ 10	120	475-2677-1-ND	.85	7.10	56.83	2,000	426.18/M	LT A673-Q1R2-25-Z	
	Yellow	Clear	594	2.0	40	445 @ 30	120	475-2546-1-ND	.45	3.69	29.51	—	—	LY A675-S1U2-26-0-30-R33-Z	
	Yellow	Clear	591	1.8	20	14 @ 2	120	475-2548-1-ND	.15	1.26	10.05	2,000	75.37/M	LY A67K-J2M1-26-0-2-R33-Z	
	Yellow	Clear	587	2.0	30	355 @ 20	120	475-1162-1-ND	.18	1.51	12.10	2,000	90.78/M	LY A676-Q2T1-26-Z	
	Yellow	Clear	587	2.0	30	267.5 @ 20	120	475-2787-1-ND	.20	1.68	13.43	2,000	100.77/M	LY A676-S1T1-26-Z	
	Yellow	Clear	587	1.8	20	14.0 @ 2	120	475-1252-1-ND	.16	1.32	10.55	2,000	79.13/M	LY A67K-J2L1-26-Z	
	Yellow	Clear	587	1.8	20	15.7 @ 2	120	475-2788-1-ND	.17	1.35	10.85	2,000	81.40/M	LY A67K-K2M1-26-Z	
	Blue	Clear	465	3.6	20	140 @ 20	120	475-1342-1-ND	.85	7.10	56.81	2,000	426.08/M	LB A67C-P2S1-35-0-20-R33-Z	
	White	Diffused	5600†	3.1	20	135 @ 10	120	475-2536-1-ND	.72	6.02	48.17	2,000	361.25/M	LW A673-P1S1-5K8L-0-10-R33-Z	
	White	Diffused	5600†	3.1	20	157 @ 10	120	475-2779-1-ND	.78	6.50	52.02	2,000	390.15/M	LW A673-Q2S1-5K8L-Z	
	White	Diffused	5600†	3.6	20	467 @ 20	120	475-2537-1-ND	.82	6.79	54.34	2,000	407.56/M	LW A67C-S2U2-5K8L-0-20-R33-Z	
	White	Diffused	5600†	3.6	20	532.5 @ 20	120	475-2669-1-ND	.88	7.34	58.69	2,000	440.16/M	LW A67C-T2U2-5K8L-Z	
	White	Diffused	5600†	3.6	20	392 @ 20	120	475-1165-1-ND	.84	7.00	55.97	2,000	419.79/M	LW A67C-S2U1-5K8L-Z	
	9	Yellow	Clear	591	2.0	30	223 @ 20	120	475-2566-1-ND	.20	1.67	13.32	3,000	99.92/M	LY Y876-Q2T1-26-0-20-R18-Z
		Super-Red	Clear	633	2.0	30	157 @ 20	120	475-2769-1-ND	.18	1.49	11.90	3,000	89.27/M	LS Y876-Q2S1-1-Z
		Orange	Clear	606	2.0	30	355 @ 20	120	475-1167-1-ND	.18	1.49	11.90	3,000	89.27/M	LO Y876-R2T1-24-Z
		White	Diffused	6200†	3.6	20	315 @ 20	120	475-1173-1-ND	.78	6.48	51.87	3,000	389.04/M	LW Y87C-S1T2-3K8L-Z
		White	Diffused	6200†	3.6	20	420 @ 20	120	475-1264-1-ND	.84	7.01	56.02	3,000	442.48/M	LW Y87C-T1U1-3K8L-0-20-R18-Z
Orange		Clear	606	2.0	30	157 @ 20	120	475-2749-1-ND	.17	1.45	11.57	3,000	86.79/M	LO Y876-Q2S1-24-Z	
Orange		Clear	610	2.0	30	222 @ 20	120	475-1266-1-ND	.17	1.38	11.02	—	—	LO Y876-Q2T1-24-0-20-R18-Z	
Blue		Clear	465	3.6	20	113 @ 20	120	475-1394-1-ND	.67	5.56	44.46	3,000	333.46/M	LB Y87C-P1R2-35-0-20-R18-Z	
Blue		Clear	470	3.4	15	19.6 @ 10	120	475-2728-1-ND	.75	6.27	50.16	3,000	376.21/M	LB Y87S-L1M2-35-Z	
Blue		Clear	470	3.6	20	125.5 @ 20	120	475-2727-1-ND	.72	6.01	48.02	3,000	360.14/M	LB Y87C-Q1R2-35-Z	
Blue		Clear	470	3.8	15	45 @ 10	120	475-1171-1-ND	.78	6.51	52.06	3,000	390.46/M	LB Y87S-M1N2-35-Z	
Green		Clear	572	2.0	30	14 @ 10	120	475-1414-1-ND	.12	1.02	8.13	—	—	LG Y870-J2M1-1-0-10-R18-Z	
True Green		Clear	523	3.4	15	70 @ 10	120	475-2533-1-ND	.83	6.86	54.91	3,000	411.84/M	LT Y87S-N1Q2-35-0-10-R18-Z	
True Green	Clear	528	3.4	15	78.5 @ 10	120	475-1172-1-ND	.88	7.27	58.14	3,000	436.06/M	LT Y87S-P1Q2-35-Z		
10A	Orange	Diffused	610	1.8	20	14 @ 2	160	475-1194-1-ND	.15	1.26	10.07	5,000	75.53/M	LO L29K-J2L1-24	
	Amber	Diffused	615	2.0	60	135 @ 20	160	475-2712-1-ND	.14	1.16	9.28	5,000	69.61/M	LA L29K-Q2R2-1-Z	
	Yellow	Diffused	587	1.8	20	7.85 @ 2	160	475-2794-1-ND	.13	1.13	9.03	5,000	67.72/M	LY L29K-J1K2-26-Z	
	Yellow	Diffused	587	1.8	20	11.20 @ 2	160	475-1196-1-ND	.12	1.05	8.36	5,000	62.70/M	LY L29K-H1K2-26-Z	
	Yellow	Diffused	587	2.0	30	135 @ 20	160	475-2793-1-ND	.16	1.29	10.33	5,000	77.51/M	LY L29K-Q2R2-26-Z	
	Blue	Diffused	465	2.90	20	39.2 @ 10	155/135	475-1383-1-ND	.57	4.75	38.00	5,000	285.01/M	LB L293-M2P1-36-1-10-R18-Z	
	Blue	Diffused	470	2.90	20	39.2 @ 10	155/135	475-2720-1-ND	.57	4.75	38.00	5,000	285.01/M	LB L293-M2P1-35-Z	
	Green	Diffused	570	1.7	20	3.92 @ 2	160	475-2709-1-ND	.13	1.13	9.03	5,000	67.72/M	LG L29K-G2J1-24-Z	
	True Green	Diffused	528	3.4	15	98 @ 10	155/135	475-2774-1-ND	.36	3.04	24.32	5,000	182.41/M	LT L29S-P2R1-25-Z	
	Orange	Diffused	606	1.8	20	6.28 @ 2	160	475-2740-1-ND	.14	1.16	9.31	5,000	69.83/M	LO L29K-H2K1-24-Z	
	Orange	Diffused	606	2.0	30	157 @ 20	160	475-2738-1-ND	.15	1.26	10.07	5,000	75.53/M	LO L29K-Q2S1-24-Z	
	Orange	Diffused	610	2.0	30	135 @ 20	160	475-2480-1-ND	.14	1.14	9.12	—	—	LO L296-P1S1-24-0-20-R18-Z	
	Orange	Diffused	610	1.8	20	8.8 @ 2	160	475-2481-1-ND	.12	1.05	8.36	5,000	62.70/M	LO L29K-H2L1-24-0-2-R18-Z	
	Super-Red	Diffused	643	1.8	20	4.5 @ 2	160	475-2506-1-ND	.12	1.05	8.36	5,000	62.70/M	LS L29K-G1J2-1-0-2-R18-Z	
	Super-Red	Diffused	633	2.0	60	84 @ 20	160	475-2761-1-ND	.14	1.16	9.28	5,000	69.61/M	LT Y896-P2O2-1-Z	
	Super-Red	Diffused	630	1.8	20	4.95 @ 2	160	475-1195-1-ND	.13	1.13	9.03	5,000	67.72/M	LS L29K-H1J2-1-Z	
	Yellow	Diffused	591	2.0	30	113 @ 20	160	475-2552-1-ND	.14	1.16	9.31	5,000	69.83/M	LY L296-P1R2-26-0-20-R18-Z	
White	Diffused	6200†	2.9	20	125.5 @ 10	170/130	475-2782-1-ND	.70	5.87	46.93	5,000	351.99/M	LW L283-Q1R2-3K8L-1-Z		
White	Diffused	6200†	3.1	20	98 @ 10	170/130	475-1276-1-ND	.67	5.56	44.46	5,000	333.46/M	LW L283-P2R1-3K8L-1-10-R18-Z		
11	Red	Clear	632	2.2	500	11,500 @ 400	120	475-2602-1-ND	2.57	21.38	171.00	—	—	LR W5SM-GZH1-0-400-R18-Z	
	Red	Clear	625	2.5	1000	24,800 @ 700	120	475-1317-1-ND	3.14	26.13	209.00	800	1254.02	LR W5SM-JYK1-1-Z	
	Red	Clear	625	2.2	500	15,600 @ 400	120	475-1339-1-ND	2.59	21.61	172.90	800	1037.42	LR W5SM-HYJ1-1-Z	
	Amber	Clear	624	2.2	500	13,300 @ 400	120	475-1375-1-ND	2.41	20.07	160.55	—	—	LA W5SM-HXJ1-24-0-400-R18-Z	
	Amber	Clear	617	2.2	500	18,300 @ 400	120	475-1235-1-ND	2.59	21.61	172.90	800	1037.42	LA W5SM-HZJ1-24-Z	
	Amber	Clear	617	2.5	1000	28,800 @ 700	120	475-1303-1-ND	3.34	27.79	222.30	800	1333.82	LA W5SM-JZK1-24-Z	
	Blue	Clear	465	3.8	100	3,600 @ 350	120	475-1392-1-ND	5.45	45.44	363.48	800	2180.90	LB W5SG-EXFY-35-0-350-R18-Z	
	Blue	Clear	470	3.8	500	2,700 @ 350	120	475-1198-1-ND	5.20	43.37	346.96	—	—	LB W5SG-DYEG-35-Z	
	True Green	Clear	520	3.2	100	17,500 @ 350	120	475-2532-1-ND	4.70	39.19	313.50	—	—	LT W5SM-HYJ2-36-0-350-R18-Z	
	True Green	Clear	528	3.2	500	17,500 @ 350	120	475-1325-1-ND	4.70	39.19	313.50	800	1881.03	LT W5SM-HYJ2-36-Z	
	Yellow	Clear	590	2.5	1000	24,800 @ 700	120	475-1338-1-ND	3.34	27.79	222.30	800	1333.82	LY W5SM-JYK1-46-Z	
	White	Clear	6500†	3.2	350	30,900 @ 350	170	475-2810-1-ND	6.15	51.30	410.41	200	615.61	LUW W5AM-KZLY-6P7R-Z	
	White	Clear	6500†	3.2	350	32,800 @ 350	170	475-2811-1-ND	6.17	51.42	411.36	200	617.04	LUW W5AM-LXLY-6P7R-Z	
	Amber	Clear	617	2.2	1000	20,000 @ 400	170	475-2812-1-ND	3.34	27.79	222.30	200	333.46	LA W5AM-JXX1-24-Z	
	White	Clear	5600†	3.2	1000	21,000 @ 350	170	475-2604-1-ND	6.28	52.35	418.77	—	—	LW W5AM-KXX1-6K7L-Z	
	Warm White	Clear	3000†	3.2	1000	12,500 @ 350	170	475-2588-1-ND	5.93	49.40	395.21	—	—	LCW W5AM-HZJ1-4R9T-Z	
	Warm White	Clear	2700†	3.2	1000	13,800 @ 350	170	475-2589-1-ND	5.93	49.40	395.21	—	—	LCW W5AM-HZJ1-4U9X-Z	
	Warm White	Clear	3000†	3.2	1000	13,200 @ 350	170	475-2590-1-ND	6.43	53.56	428.46	—	—	LCW W5AM-JKY1-4R9T-Z	
Warm White	Clear	3500†	3.2	1000	15,900 @ 350	170	475-2591-1-ND	5.95	49.57	396.53	—	—	LCW W5AM-JXX1-4O9Q-Z		

§ For Tape and Reel part number, change 1-ND to 2-ND. ‡ Bulk \* Tray Δ Reverse Mount † Measured in Kelvin Units

(Continued)

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