

LED Package Type	SMD LED Features and Maximum Rating										SMD LED Electrical and Optical Characteristics						
	Surface Mount LED Part No.	Emission Color	Chip (Q'ty)	Surface Mount LED Dimensions L*W*H (mm)	Power Dissipation P ₀ [mW]	Forward Current I _F [mA]	Pulse Forward Current I _{FP} [mA]	Reverse Voltage V _R [V]	Test Condition	Forward Voltage V _F [V]	Luminous Intensity I _v [mcd]	Dominant Wavelength W ₀ [nm]	Color Coordinates Cx/Cy	Color Temperature K	CRI		
Top View 1608 SMD Type LED	LBH1000N	BLUE	1 CHIP	1.6*0.8*0.4	70	20	100	5	I _F = 5mA	2.7 ~ 3.1	8.5 ~ 28	455 ~ 462.5					
	LBW1000N	BLUISH WHITE	1 CHIP	1.6*0.8*0.4	70	20	100	5	I _F = 5mA	2.7 ~ 3.0	90 ~ 200		Cx : 0.220 ~ 0.240 Cy : 0.155 ~ 0.215				
	LWH1000N	WHITE	1 CHIP	1.6*0.8*0.4	70	20	100	5	I _F = 5mA	2.7 ~ 3.0	50 ~ 160		Cx : 0.285 ~ 0.315 Cy : 0.260 ~ 0.340				
Top View 3020 SMD Type LED	LWH1030N	WHITE	1 CHIP	3.2*2.0*0.9	110	30	100	5	I _F = 20 mA	2.95 ~ 3.4	1,000 ~ 2,200			Warm : 2,700 ~ 4,500 Pure : 5,000 ~ 8,000 Cool : 8,000 ~ 13,000	68 ~ 95		
	LWH1030N2	WHITE	2 CHIP	3.2*2.0*0.9	180	35	200	5	I _F = 40 mA	2.95 ~ 3.4	2,500 ~ 4,500			Warm : 2,700 ~ 4,500 Pure : 5,000 ~ 8,000 Cool : 8,000 ~ 13,000	68 ~ 95		
	LRH1030S	RED	1 CHIP	3.2*2.0*0.9	80	35	100		I _F = 20 mA	1.8 ~ 2.3	790 ~ 1,090		617.5 ~ 625				
	LGM1030G	GREEN	1 CHIP	3.2*2.0*0.9	360	100	200		IF = 47 mA	2.9 ~ 3.3	2,800 ~ 3,400		527.5 ~ 537.5				
	LBM1030G	BLUE	1 CHIP	3.2*2.0*0.9	360	100	200		I _F = 22mA	2.6 ~ 3.2	120 ~ 300		450 ~ 460				
Top View 3528 SMD Type LED	LWH1035N	WHITE	1 CHIP	3.5*2.7*1.8	110	20	100	5	I _F = 20 mA	2.95 ~ 3.4	1,000 ~ 2,000			Warm : 2,700 ~ 4,500 Pure : 5,000 ~ 8,000 Cool : 8,000 ~ 13,000	68 ~ 95		
	LWH1032N	WHITE	2 CHIP	3.5*2.7*1.8	210	40	200	5	I _F = 40 mA	2.95 ~ 3.4	2,000 ~ 5,800			Warm : 2,700 ~ 4,500 Pure : 5,000 ~ 8,000 Cool : 8,000 ~ 13,000	68 ~ 95		
	LWH1033N	WHITE	3 CHIP	3.5*2.7*1.8	320	60	300	5	I _F = 60 mA	2.95 ~ 3.4	2,700 ~ 7,000			Warm : 2,700 ~ 4,500 Pure : 5,000 ~ 8,000 Cool : 8,000 ~ 13,000	68 ~ 95		
	LFH1036	FULL COLOR		3.5*2.7*1.4	R: 75 G: 110 B: 110	R: 30 G: 30 B: 30	R: 100 G: 100 B: 100	5	I _F = 60 mA	R: 1.8 ~ 2.4 G: 3.0 ~ 3.6 B: 3.0 ~ 3.6	R: 300 ~ 800 G: 850 ~ 1,600 B: 150 ~ 350	R: 615 ~ 630 G: 520 ~ 535 B: 460 ~ 470					
Top View 5450 SMD Type LED	LWH1056	WHITE	3 CHIP	5.5*5.0*1.6	320	60	300	5	I _F = 60 mA	2.95 ~ 3.4	5,000 ~ 7,500			Warm : 2,700 ~ 4,500 Pure : 5,000 ~ 8,000 Cool : 8,000 ~ 13,000	68 ~ 95		
	LWH1056N	WHITE	3 CHIP	5.5*5.0*1.6	320	60	300	5	I _F = 60 mA	2.95 ~ 3.4	5,000 ~ 7,500			Warm : 2,700 ~ 4,500 Pure : 5,000 ~ 8,000 Cool : 8,000 ~ 13,000	68 ~ 95		
	LBH1056	BLUE	3 CHIP	5.5*5.0*1.6	320	60	300	5	I _F = 60 mA	2.95 ~ 3.4	600 ~ 1,200		455 ~ 465				
	LGH1056	GREEN	3 CHIP	5.5*5.0*1.6	320	60	300	5	I _F = 60 mA	2.95 ~ 3.4	2,000 ~ 4,000		520 ~ 535				
	LRH1056	RED	3 CHIP	5.5*5.0*1.6	220	90	300	5	IF = 60 mA	2.95 ~ 3.4	800 ~ 1,600		615 ~ 630				
	LFH1056	FULL COLOR	3 CHIP	5.5*5.0*1.6	R: 75 G: 110 B: 110	R: 30 G: 30 B: 30	R: 100 G: 100 B: 100	5	I _F = 60 mA	2.95 ~ 3.4	R: 300 ~ 800 G: 850 ~ 1,600 B: 150 ~ 350	R: 615 ~ 630 G: 520 ~ 535 B: 460 ~ 470					
Top View 5452 SMD Type LED	LWH1057N3	WHITE	3 CHIP	5.4*5.2*0.9	320	60	300	5	I _F = 60 mA	2.95 ~ 3.4	5,000 ~ 7,500			Warm : 2,700 ~ 4,500 Pure : 5,000 ~ 8,000 Cool : 8,000 ~ 13,000	68 ~ 95		
	LWH1057	WHITE	4 CHIP	5.4*5.2*0.9	380	80	360	5	I _F = 60 mA	2.95 ~ 3.4	6,000 ~ 10,000			Warm : 2,700 ~ 4,500 Pure : 5,000 ~ 8,000 Cool : 8,000 ~ 13,000	68 ~ 95		
	LWH1057N3	WHITE	4 CHIP	5.4*5.2*0.9	380	80	360	5	I _F = 60 mA	2.95 ~ 3.4	6,000 ~ 10,000			Warm : 2,700 ~ 4,500 Pure : 5,000 ~ 8,000 Cool : 8,000 ~ 13,000	68 ~ 95		
Side View SMD Type LED	LWH1025N	WHITE	1 CHIP	2.8*1.2*0.8	110	20	100	5	I _F = 20 mA	2.95 ~ 3.4	1,000 ~ 2,000			Cx: 0.252 ~ 0.321 Cy: 0.220 ~ 0.305	68 ~ 95		
	LWH1028N	WHITE	1 CHIP	3.8*1.2*0.6	110	20	100	5	I _F = 20 mA	2.95 ~ 3.4	1,000 ~ 2,000			Cx: 0.252 ~ 0.321 Cy: 0.220 ~ 0.305	68 ~ 95		
1 Watt SMD Type LED	LWX1057N6	WHITE	6 CHIP	5.4*5.2*0.9	1,200	300	600	5	I _F = 300 mA	2.95 ~ 3.6	15 ~ 40 [cd]			Warm : 2,700 ~ 4,500 Pure : 5,000 ~ 8,000 Cool : 8,000 ~ 13,000	68 ~ 95		
	LWX1057G3	WHITE	3 CHIP	5.4*5.2*0.9	1,200	350	600	5	I _F = 300 mA	2.95 ~ 3.6	20 ~ 50 [cd]			Warm : 2,700 ~ 4,500 Pure : 5,000 ~ 8,000 Cool : 8,000 ~ 13,000	68 ~ 95		