



High Brightness LEDs - SMD

FEATURES

APPLICATIONS



- **Package and size (mm):**
 - » PLCC-2: 3.2x2.7x1.95 (LM1-XXX-01); 2.7x2x1.3 (LM3)
 - » PLCC-4: 3.2x2.7x1.95 (LM1-XXX-11); 3.2x2.8x1.95 (LM1-XXX-03); 3.2x2.7x3.45 (LM2)
 - » PLCC-6: 3.5x3.3x2 (LM6); 6x5x2.5 (LP6)
 - **Color and Typical Dominant Wavelength (nm):**
 - » Red (624 and 628)
 - » Pure Green (527)
 - » Blue (470)
 - » Amber (591)
 - » White
 - **Viewing Angle:** 60° and 120°
 - **Lead-Free**
 - **RoHS Compliant**
- **Amusement**
 - » Pachinko
 - » Slot machine
 - » Pin Ball machine
 - » Gaming machine
 - **Automotive Lighting**
 - » Tail light
 - » Turning signal
 - » Center High Mounted Stop Lamps (CHMSL)
 - » Car Interior lighting

Typical Electrical - Optical Characteristics

SMD	Part Number	Size (mm)	Color	Viewing Angle	Intensity (mcd)			Dominant Wavelength (nm)			Forward Voltage	
					min	typ	max	min	typ	max	typ	max
SMD Top View												
Package: PLCC2												
LM1-XXX-01	LM1-THR1-01-N1	3.2*2.7	Red	120	280	400	560	620	628	635	2.3	2.6
	LM1-UHR1-01-N1	3.2*2.7	Red	120	450	650	1120	618	624	630	2.1	2.6
	LM1-EPG1-01-N2	3.2*2.7	Pure Green	120	560	900	1400	520	527	540	3.4	4.0
	LM1-EBL1-01-N2	3.2*2.7	Blue	120	112	320	710	460	470	480	3.4	4.0
	LM1-PBL1-01-N1	3.2*2.7	Blue	120	112	160	280	460	470	480	3.4	4.0
	LM1-TYL1-01-N1	3.2*2.7	Amber	120	280	300	450	584	591	596	2.3	2.6
	LM1-UYL1-01-N1	3.2*2.7	Amber	120	355	600	900	584	591	596	2.1	2.6
LM3	LM1-EWN1-01-N2	3.2*2.7	White	120	710	1000	1800	-	-	-	3.4	4.0
	LM3-EWH1-01-N2	2.7*2.0	White	120	1200	1500	1800	-	-	-	3.4	4.0
	LM3-FWH1-01-N5	2.7*2.0	White	120	1500	1700	2100	-	-	-	3.4	4.0
Package: PLCC4												
LM1-XXX-11	LM1-UHR1-11-N1	3.2*2.7	Red	120	1120	1600	2800	618	624	630	2.4	3.0
	LM1-THR1-11-N1	3.2*2.7	Red	120	560	900	1400	620	628	635	2.5	3.2
	LM1-EPG1-11-N2	3.2*2.7	Pure Green	120	710	1100	1800	516	527	536	3.6	4.2
	LM1-EBL1-11-N2	3.2*2.7	Blue	120	180	400	1120	460	470	480	3.6	4.2
	LM1-PBL1-11-N1	3.2*2.7	Blue	120	140	200	355	460	470	480	3.6	4.2
	LM1-UYL1-11-N1	3.2*2.7	Amber	120	1120	1500	2800	584	591	599	2.4	3.0
	LM1-TYL1-11-N1	3.2*2.7	Amber	120	450	700	1120	584	591	596	2.6	3.2
LM2	LM1-EWN1-11-N2	3.2*2.7	White	120	900	1400	2240	-	-	-	3.6	4.2
	LM2-UHR1-F1-N1	3.2*2.7	Red	60	2240	3700	5600	618	624	630	2.5	3.0
LM2-UYL1-F1-N1	3.2*2.7	Amber	60	2800	3800	5600	584	591	596	2.5	3.0	
Package: PLCC6												
LM6/LU6												
Release Soon	LU6-FWH1-03-N2	3.3*3.5	White	120	3550	4200	7100	-	-	-	3.4	4.0
LP6	LP6-EWN1-03-N3	6.0*5.0	White	120	7100	10000	14000	-	-	-	3.8	4.8
3 IN 1 - Full Color												
LM1	LM1-PPP1-01-N1	3.2*2.8	Red	120	180	300	450	612~622			2.0	2.5
			Green		280	450	710	520~540			3.4	4.0
			Blue		71	110	180	460~480			3.4	4.0
			Red		355	560	900	618~630			2.0	2.6
LV1	LV1-UEE2-0B-N5 (black surface)	3.2*2.8	Green	120	560	900	1800	518~538			3.2	4.0
			Blue		224	340	560	460~480			3.2	4.0
			Red		224	320	560	618~630			2.0	2.5
Release Soon	LVB-UEE2-01-N2 (black SMD)	3.2*2.8	Green	120	280	500	710	518~538			3.2	4.0
			Blue		90	160	224	460~480			3.2	4.0
			Red		-	45~650	-	618~630			2.0	2.6
LU6	LU6-UEE2-0B-N2 (black surface)	3.3*3.5	Green	120	-	710~1100	-	520~540			3.2	4.0
			Blue		-	224~320	-	460~480			3.2	4.0
			Red		-	560~800	-	618~630			2.0	2.6
Release Soon	LP6-UEE2-01-T2	6.0*5.0	Green	120	-	900~1300	-	520~540			3.2	4.0
			Blue		-	224~350	-	460~480			3.2	4.0

Part number will be subject to change without notice.
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