



# High Brightness LEDs - P4

## FEATURES

## APPLICATIONS



■ **Size (mm):**

- ▶ 7.6\*7.6

■ **Color and Typical Dominant**

**Wavelength (nm):**

- ▶ Red (624 and 628)
- ▶ Green (527)
- ▶ Blue (470)
- ▶ Amber (591)
- ▶ White

■ **Viewing Angle:**

- ▶ 40°; 70°; 60°; 90°; 100°

■ **Luminous Intensity (mlm):**

LP377

- ▶ Red: 2500~11800
- ▶ Amber: 2000~11800
- ▶ Green: 1500~6100
- ▶ Blue: 250~3000
- ▶ White: 3850~11000

■ **Lens Type:**

- ▶ LP377 ~ Convex

■ **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

P4	Part Number	Size (mm)	Color	Viewing Angle	Intensity (mIm)			Dominant Wavelength (nm)			Forward Voltage		
					min	typ	max	min	typ	max	typ	max	
<b>LP377</b>	LP377UHR1-40G-01	7.6*7.6	Red	40	4000	7000	11800	618	624	630	2.5	3	
	LP377THR1-40G	7.6*7.6	Red	40	2500	4000	6100	620	628	637	2.6	3.2	
	LP377UHR1-70G-01	7.6*7.6	Red	70	4000	7500	11800	618	624	630	2.5	3	
	LP377THR1-70G-01	7.6*7.6	Red	70	3000	4500	6100	620	628	637	2.6	3.2	
	LP377UHR1-A0G-01	7.6*7.6	Red	100	4000	8000	11800	618	624	630	2.5	3	
	LP377THR1-A0G	7.6*7.6	Red	100	3000	4000	6100	620	628	637	2.6	3.2	
	LP377UYL1-40G-01	7.6*7.6	Amber	40	4000	6500	11800	584	591	599	2.5	3	
	LP377TYL1-40G	7.6*7.6	Amber	40	2000	3200	4800	584	591	599	2.6	3.2	
	LP377UYL1-70G-01	7.6*7.6	Amber	70	5000	7000	11800	584	591	599	2.5	3	
	LP377TYL1-70G-01	7.6*7.6	Amber	70	2000	3200	4800	584	591	599	2.6	3.2	
	LP377UYL1-A0G-01	7.6*7.6	Amber	100	5000	7500	11800	584	591	599	2.5	3	
	LP377TYL1-A0G	7.6*7.6	Amber	100	2000	3200	4800	584	591	599	2.6	3.2	
	<b>Release Soon</b>	LP377FPG1-70G-02	7.6*7.6	Green	70	4400	6500	11000	515	527	535	3.6	4.4
	<b>Release Soon</b>	LP377FBL1-70G-02	7.6*7.6	Blue	70	1100	2500	3300	462	470	475	3.6	4.4
		LP377PBL1-60G-03	7.6*7.6	Blue	60	250	850	1200	460	470	475	3.6	4.4
	LP377FWH1-60G	7.6*7.6	White	60	3850	7000	11000	-	-	-	3.6	4.4	
	LP377FWH1-90G	7.6*7.6	White	90	3850	7000	11000	-	-	-	3.6	4.4	

Part number will be subject to change without notice.  
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