

### High Power LED - 1W, 3W, and 5W



Color	Part Number LTPL-	R <sub>th</sub> (J-c)	Luminous Flux @350mA			Luminous Flux @700mA			Luminous Flux @1A			Efficiency @350mA	Efficiency @700mA	Efficiency @1A	Disty Pricing US\$
			Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Max	Typ	Typ	
Cool White	P011WS	9	51.7	58.9	67.2							45.5			1.138
	P013WST1	6.5	67.2	71.7	76.6		121.9					64.0	49.8		1.438
	P013WST2	6.5	76.6	82.0	87.4		139.4					73.2	56.9		1.650
	P013WSU1	6.5	87.4	93.5	100.0		159.0					83.5	64.9		1.875
	P013WSU2	6.5	100.0	106.8	113.6		181.6					95.4	74.1		2.875
	P014WST2	6	76.6	82.0	87.4		147.6			188.6		68.9	57.0	48.4	2.913
	P014WSU1	6	87.4	93.5	100.0		168.3			215.1		78.6	65.0	55.1	3.325
	P014WSU2	6	100.0	106.8	113.6		192.2			245.6		89.7	74.2	63.0	3.838
Neutral White	P011NS	9	39.8	51.7	67.2							39.9			1.138
	P013NSS0	6.5	51.7	58.9	67.2		94.2					52.6	38.5		1.438
	P013NST1	6.5	67.2	71.7	76.6		114.7					64.0	46.8		1.950
	P013NST2	6.5	76.6	82.0	87.4		131.2					73.2	53.6		2.213
	P014NST1	6	67.2	71.7	76.6		129.1			164.9		60.3	49.8	42.3	3.363
	P014NST2	6	76.6	82.0	87.4		147.6			188.6		68.9	57.0	48.4	3.838
Warm White	P011MS	9	30.6	38.0	51.7							29.3			1.138
	P013MSS0	6.5	51.7	58.9	67.2		94.2					52.6	38.5		1.538
	P014MSS0	6	51.7	58.9	67.2		102.5			129.6		49.5	39.6	33.2	2.688
Single Color	P011R	5	30.6	37.0	51.7							46.0			1.325
	P011G	9	51.7	65.0	76.6							50.2			1.913
	P011B	9	10.7	12.0	13.9							10.8			1.175
	P013B	6.5	10.7	14.0	18.1		22.4					12.5	9.1		1.738
	P011A	5	30.6	38.0	51.7							47.2			1.325
	P011H	5	30.6	38.0	51.7							47.2			1.325

Parts are available in tubes and in tape and reel (500 pcs reel). MCPCB version is shipped in trays in box.

Detail specification is available upon request.

#### Features highlight -

- High brightness output
- High current drive up to 1000 mA
- Low thermal resistance
- Long operating life, Fast response
- 120 degree viewing angle
- Match existing Power LED footprint
- MCPCB assembly available

#### Applications -

- Architectural lighting
- Small area landscape lighting
- Mood lights, Decorative lights
- Exit signs, Emergency lights
- Channel letters, Store signs and displays
- Portable flash lights



LITE-ON, INC.

Austin, TX ☎ 512-835-6052  
Chicago, IL ☎ 262-862-9451

[www.us.liteon.com](http://www.us.liteon.com)

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