

Seoul Semiconductor Product Overview - High Power



Product Information					Power Rating								Packaging		Colours							
Code	Product	Image	Package Dim. mm	Viewing Angle (deg.)	0.5W 500mA	1.0W 350mA	2.0W 500mA	2.5W	3W 3x350mA	4W	5W	10W	Emitter	Star	Cool White W	Natural White S	Warm White N	Red R	Amber A	Green G	Blue B	
					W	S	N	R	A	G	B											
x42180 x42182 *	P4		8mm dia. 2 pin 6mm Slug	123 - 130	✓			✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
					Single Chip 350 - 100mA										118lm	Min 60lm 93CRI or 90LM 80 CRI	Min 60lm 93CRI or 90LM 80 CRI	48lm	48lm	48lm	22lm	
x49180 x49182 *	P4N		8mm dia. 2 pin 6mm Slug	93	✓			✓	✓				✓	✓	✓							
					Single Chip 350 - 100 mA										118lm							
xS2180	P3ii		8mm dia. 2 pin 6mm Slug	120	✓	✓							✓	✓	✓			✓	✓	✓	✓	
					Single Chip 350mA										70lm			38lm	37lm	63lm	15lm	
F50360* *	P5ii		6 x 5 x 1mm	120					✓				✓		✓			✓		✓	✓	
					3 Chips @ 350mA										105lm			35lm		57lm	13lm	
W724C0	P7		12mm 8mm slug	130								✓	✓				Soon to be released					
					Multi Chip 1400mA 5.6vf										700lm							
xZ10150	Z1		6 x 5 x 1.2mm	120	✓								✓		✓		✓					
					8 Chips 400mA										100lm		76lm 80 CRI					
xZ20360	Z2		6 x 5 x 1.2mm	120	✓								✓		✓		✓					
					24 Chips 500mA										260lm		200lm 80CRI					
SZX05AOA	Z5		3.5 x 3.5 x 2mm	128	✓								✓		✓		✓	✓	✓	✓	✓	
					Z5 compact ceramic - Release May 2010										130lm		80lm 80 CRI	50lm	42lm	70lm	18lm	
tba	Z6	Coming Soon				✓							✓		✓		✓		✓	✓	✓	
															80-100lm			30lm		65lm	8lm	
															Z6 RGBW - Enhanced colour mixing, high efficiency							

* = Seoul Semiconductor Star PCB ** = YEG Star PCB

Seoul Semiconductor Product Overview - Acriche



Product Information					Power Rating								Packaging		Colours								
Code	Product	Image	Package Dim. mm	Viewing Angle (deg.)	0.5W 500mA	1.0W 350mA	2.0W 500mA	2.5W	3W 3x350mA	4W	5W	10W	Emitter	Star	Cool White W	Natural White S	Warm White N	Red R	Amber A	Green G	Blue B		
							✓						✓	✓	✓		✓						
Acriche	Acriche 2		8mm 5mm slug	110	110V AC 20mA Dimmable								✓	✓	✓		✓						
					110V AC 20mA Dimmable									25mm Oct	80lm & 100lm		65lm 70CRI 55lm 80CRI						
Acriche	Acriche 3		12mm 8mm slug	110						✓			✓	✓	✓		✓						
					110V AC 40mA or 230V AC 20mA								✓	✓	215lm		145lm 80CRI						
tba	A4	Release May 2010	7 x 7 x 2.95mm	134	20mA 355V								✓	✓	✓		✓						
					A4 0.83w = 100lm/w Compact Package (Multi Chip)																		
tba	A5	Release May 2010	-	tba									✓		✓								
					10mA @ 220V or 20mA @ 110v A5 2W compact ceramic based package (Multi Chip)																		
tba	A6	Release June 2010	tba	tba	20mA 55V								✓		✓								
					A6 1 W Compact Ceramic based package (Multi Chip)																		

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Rev3 20/04/2010 Ref: SG023/09V2