



# High-power Ceramic SMD Series

Single color SMD/Multi-color SMD

## High-power Ceramic SMD Series-Single color SMD

### Product Features:

- 1、LM-80 certified
- 2、CRI > 60/70/80/90
- 3、Light efficiency: 150lm/W
- 4、With ceramic thermo-electric separation and eutectic packaging technology to achieve lower thermal resistance, good stability and good air-tightness
- 5、Specially customized high-efficiency chip and high reflection and transmission material
- 6、60deg,90deg,120deg beam angle are available  
(only for 3535 ceramic SMD product)
- 7、Power range 1W ,6W and 8W for 3535 SMD, 10W and 20W for 4040/5050 SMD








### Applications:

Widely used for

Indoor: Home lighting

Outdoor: Urban landscape lighting and outdoor portable lighting.

### High-power Ceramic SMD Series-Single-color SMD

Product Picture	Model Number	Power (W)	Power MAX (W)	TyP Current (mA)	Max Current (mA)	Voltage (V)	CRI (Ra)	CCT (K)	Efficiency (lm/W)
	CX353511EW*S01-PC	1	3	350	1000	3.2	≥95	2700-6500	70-130
	CX353511EW*H01-PC	1	3	350	1000	3.2	≥90	2700-6500	80-130
	CX353511EW*G01-PC	1	3	350	1000	3.2	≥80	2700-6500	90-150
	CX353511EW*P01-PC	1	3	350	1000	3.2	≥70	2700-6500	100-160
	CX353511FW*S01-PC	1	3	350	1000	3.2	≥95	2700-6500	90-140
	CX353511FW*H01-PC	1	5	350	1500	3.2	≥90	2700-6500	110-160
	CX353511FW*G01-PC	1	5	350	1500	3.2	≥80	2700-6500	120-180
	CX353511FW*P01-PC	1	5	350	1500	3.2	≥70	2700-6500	130-200
	CX353522DW**H01-P	6	10	1050	1600	6.0	≥90	2700-6500	480-600
	CX353522DW**S01-P	6	10	1050	1600	6.0	≥95	2700-6500	400-500
	CX353514EW**H01-P	8	12	700	1000	12.0	≥90	2700-6500	500-620
	CX353514EW**S01-P	8	12	700	1000	12.0	≥95	2700-6500	420-520
	CX404011GW60001	10	10	3000	3000	3.8	≥60	6000-6500	600-700
	CX404011HW60001	20	20	5000	5000	3.8	≥60	6000-6500	1000-1200
	CX505011GW60001	10	10	3000	3000	4.0	≥60	6000-6500	600-700
	CX505011HW60001	20	20	6000	6000	4.0	≥60	6000-6500	1000-1200

## High-power Ceramic SMD Series-Multi-color SMD

### Product Features:

- 1、LM-80 certified
- 2、With ceramic thermo-electric separation and eutectic packaging technology to achieve lower thermal resistance, good stability and good air-tightness
- 3、Specially customized high-efficiency chip and high reflection and transmission material
- 4、60deg,90deg,120deg beam angle are available  
(only for 3535 ceramic SMD product)
- 5、Two options for 5060, 15W and 40W.

### Applications:





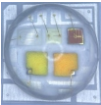
Widely used for

Indoor: Home ambient lighting.

Outdoor: Urban landscape lighting and stage lighting.



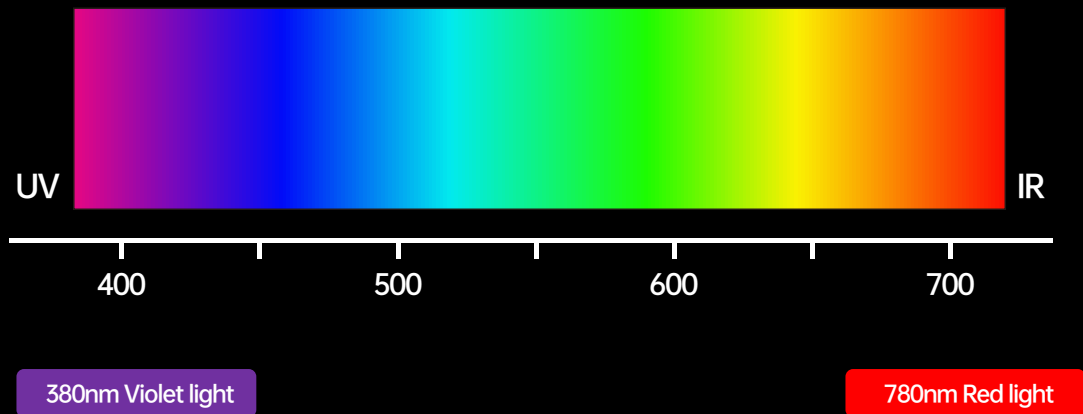
### High-power Ceramic SMD Series-Multi-color SMD

Product Picture	Model Number	Power (W)	Power MAX (W)	TyP Current (mA)	Max Current (mA)	Voltage (V)	CCT/Dominant wavelength (K)	CRI (Ra)	Efficiency (lm/W)
	CX353522BWLSH01-B	2	3	350	500	6	2700	≥90	150
		2	3	350	500	6	6000	≥90	200
	CX353522BWLSS01-B	2	3	350	500	6	2700	≥95	140
		2	3	350	500	6	6000	≥95	160
	CX3535RGBW4W*G01	4	6	350	400	2.3	620-630	/	30-50
		4	6	350	400	3.2	520-530	/	90-110
		4	6	350	400	3.2	460-470	/	20-30
		4	6	350	400	3.2	3000/4000	≥80	80-100
	CX5060RGBW15W60001	10	15	700	1200	2.4	620-630	/	60-80
		10	15	700	1200	3.3	520-530	/	150-170
		10	15	700	1200	3.3	460-470	/	40-60
		10	15	700	1200	3.3	6000	≥60	200-220
	CX5060RGBW40W60001	15	40	1000	2500	2.6	620-630	/	100-120
		15	40	1000	2500	3.6	520-530	/	230-250
		15	40	1000	2500	3.6	450-455	/	40-60
		15	40	1000	2500	3.6	6000	≥60	260-280
	CX5050RGBCW3WLSH01-B	0.3	0.5	150	200	2.3	620-630	/	10-20
		0.5	0.6	150	200	3.2	520-530	/	40-50
		0.5	0.6	150	200	3.2	450-460	/	0-10
		0.5	1.2	150	200	3.2	2700	≥90	40-50
		0.5	1.2	150	200	3.2	6000	≥90	50-60



## Composition of light spectrum

- Wavelength of visible light ranges from 380nm-780nm
- Color range is from violet to red.



## Units and Measurements in Lighting

