

High-power Ceramic SMD Series

Single color SMD/Multi-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.

Product Picture	Product Code	Product Model	Power (W)	Max Power	Typ Current (mA)	Max Current (mA)	Voltage (V)		CCT(K)	Luminous (lm)	CRI (Ra)
							Min	Max			
	CX3535-3W	CX353511EW*001-EIPC	1	3	350	1000	2.8	3.6	2700-6500	100-160	<70
		CX353511EW*P01-EIPC	1	3	350	1000	2.8	3.6	2700-6500	100-160	>70
		CX353511EW*G01-EIPC	1	3	350	1000	2.8	3.6	2700-6500	90-150	>80
		CX353511EW*H01-EIPC	1	3	350	1000	2.8	3.6	2700-6500	80-130	>90
		CX353511EW*S01-EIPC	1	3	350	1000	2.8	3.6	2700-6500	70-130	>95
	CX3535-5W	CX353511FW*001-EIPC	1	5	350	1500	2.8	3.6	2700-6500	130-200	<70
		CX353511FW*P01-EIPC	1	5	350	1500	2.8	3.6	2700-6500	130-200	>70
		CX353511FW*G01-EIPC	1	5	350	1500	2.8	3.6	2700-6500	120-180	>80
		CX353511FW*H01-EIPC	1	5	350	1500	2.8	3.6	2700-6500	110-160	>90
		CX353511FW*S01-EIPC	1	5	350	1500	2.8	3.6	2700-6500	90-140	>95
	CX3535-6V-10W	CX353522DW**H01-EIP	6	10	1050	1600	5.0	7.0	2700-6500	480-600	>90
		CX353522DW**S01-EIP	6	10	1050	1600	5.0	7.0	2700-6500	400-500	>95
	CX3535-12V-12W	CX353514EW**H01-EIP	8	12	700	1000	11.0	13.0	2700-6500	500-620	>90
		CX353514EW**S01-EIP	8	12	700	1000	11.0	13.0	2700-6500	420-520	>95
	CX5050-10W	CX505011KW*001-EIPB	5	10	1500	3000	2.8	3.6	2700-6500	600-650	<70
		CX505011KW*P01-EIPB	5	10	1500	3000	2.8	3.6	2700-6500	600-650	>70
		CX505011KW*G01-EIPB	5	10	1500	3000	2.8	3.6	2700-6500	500-550	>80
		CX505011KW*H01-EIPB	5	10	1500	3000	2.8	3.6	2700-6500	400-450	>90
		CX505011KW*S01-EIPB	5	10	1500	3000	2.8	3.6	2700-6500	300-350	>95
	CX4040-10W	CX404011GW60001-EI	10	10	3000	3000	3.5	4.5	6000-6500K	600-700	>60
	CX4040-20W	CX404011HW60001-EI	20	20	5000	5000	3.5	4.5	6000-6500K	1000-1200	>60
	CX5050-10W	CX505011GW60001-EI	10	10	3000	3000	3.5	4.5	6000-6500K	600-700	>60
	CX5050-20W	CX505011HW60001-EI	20	20	6000	6000	3.5	4.5	6000-6500K	1000-1200	>60

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:

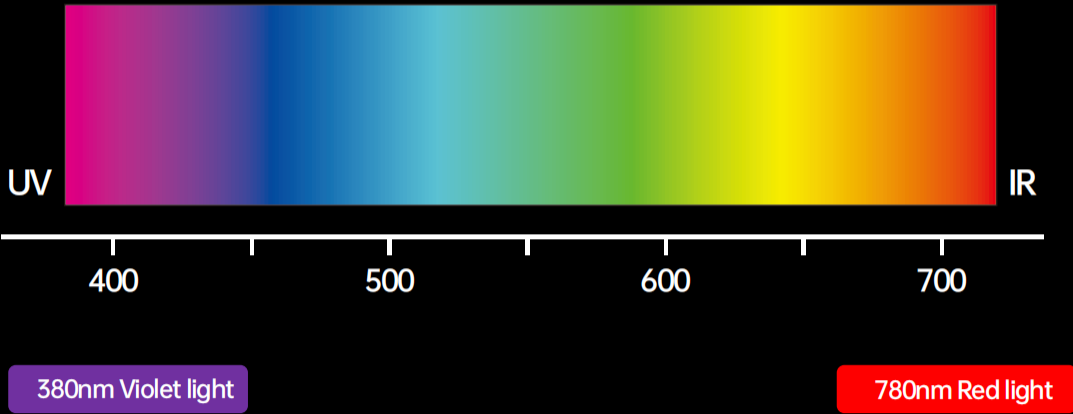
Widely used for
Indoor: Home ambient lighting.
Outdoor: Urban landscape lighting and stage lighting.



Product Picture	Product Code	Product Model	Power (W)	Max Power	Typ Current (mA)	Max Current (mA)	Voltage (V)		Wavelength(nm) CCT (K)	Luminous (lm)	CRI (Ra)
							Min	Max			
	CX3535-4W	CX353522BW LSH01-EIB	4	6	350	500	5.5	7.0	2700K	150	>90
			4	6	350	500	5.5	7.0	6000K	200	>90
	CX3535-4W	CX353522BW LS01-EIB	4	6	350	500	5.5	7.0	2700K	140	>95
			4	6	350	500	5.5	7.0	6000K	160	>95
	CX3535-4W	CX3535RGBW 4W*G01-EIB	4	6	350	400	2.0	2.6	620-630nm	30-50	/
			4	6	350	400	2.8	3.6	520-530nm	90-110	/
			4	6	350	400	2.8	3.6	460-470nm	20-30	/
			4	6	350	400	2.8	3.6	3000K/4000K	80-100	>80
	CX5060-15W	CX5060RGBW 15W60001-EI	10	15	700	1200	2.0	2.8	620-630nm	60-80	/
			10	15	700	1200	3.0	3.8	520-530nm	150-170	/
			10	15	700	1200	3.0	3.8	460-470nm	40-60	/
			10	15	700	1200	3.0	3.8	6000-6500K	200-220	>60
	CX5060-40W	CX5060RGBW 40W60001-EI	15	40	1000	2500	2.2	3.0	620-630nm	100-120	/
			15	40	1000	2500	3.2	4.0	520-530nm	230-250	/
			15	40	1000	2500	3.2	4.0	450-455nm	40-60	/
			15	40	1000	2500	3.2	4.0	6000-6500K	260-280	>60
	CX5050-3W	CX5050RGBCW 3WLSH01-EIB	0.3	0.5	150	200	2.0	2.6	R:620-630nm	10-20	/
			0.5	0.6	150	200	2.8	3.6	G:520-530nm	40-50	/
			0.5	0.6	150	200	2.8	3.6	B:450-460nm	10-20	/
			0.5	1.2	150	400	2.8	3.6	W: 2700K	30-40	≥90
			0.5	1.2	150	400	2.8	3.6	C: 6000K	40-50	≥90

Composition of light spectrum

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



Units and Measurements in Lighting

