

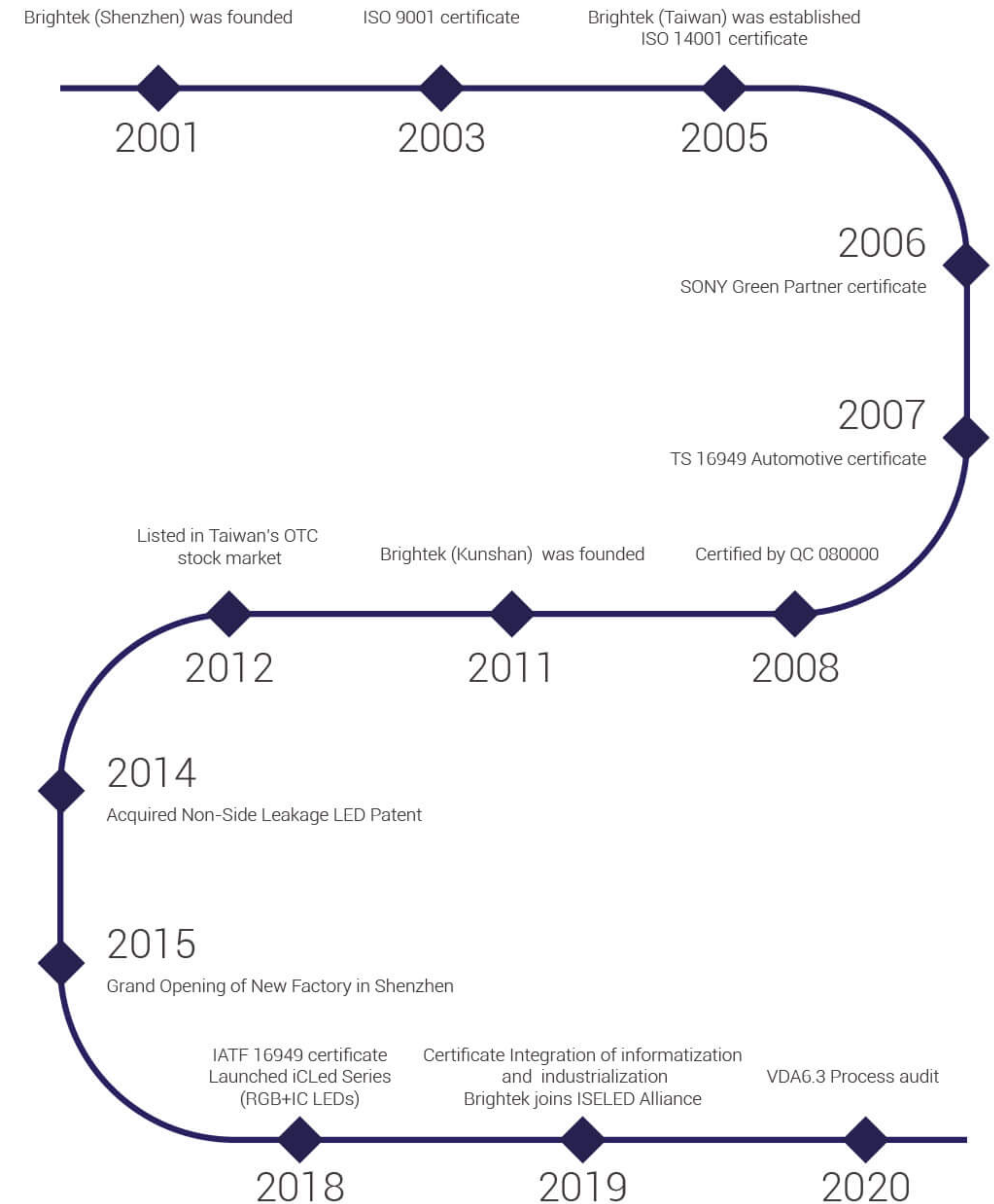
Smart Lighting
Make Life Wonderful

BRIGHTTEK INTRODUCTION

PRODUCTS



COMPANY HISTORY >>>>



COMPANY OVERVIEW >>>>

BRIGHTEK OPTOELECTRONIC CO., LTD., established in 2001, is a professional semiconductor package supplier and solution provider, and the trademark is registered as BRIGHTEK. The headquarters is located in Taiwan, and the sales offices in China include BRIGHTEK OPTOELECTRONICS CO., LTD.(Shenzhen), KUNSHAN BRIGHTEK OPTOELECTRONICS CO., LTD, and BRIGHTEK OPTOELECTRONICS CO., LTD (Chongqing).

BRIGHTEK embarks on manufacturing, developing and selling of semiconductor packaging with a complete production management system like ISO 9001 (International quality management system), ISO 14001 (Environmental management system standards), IATF 16949 (Automobile quality management system), SONY Green Partner (Technical Standard), and QC080000 (Hazardous material process management system). At present, Brightek has over 500 employees, the state-of-the-art automatic production equipment, the avant-garde laboratory, the professional management team, the elite R&D, and the experienced sales and service teams. Furthermore, Brightek owns over 300 patent technology and intellectual property which result in a powerful protection of scale production, product standardization and fast delivery.

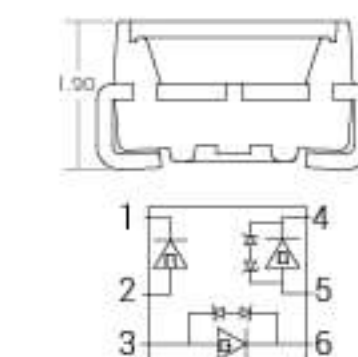
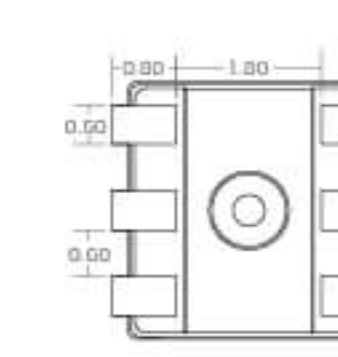
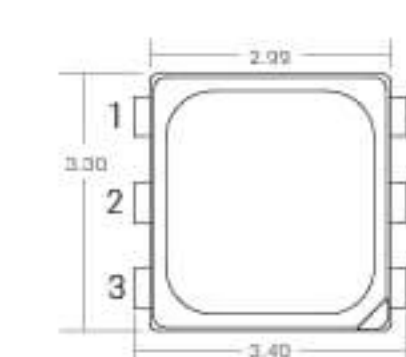
We are dedicated to form a high-efficient and innovative RD team developing new product technology and achieving the corporate vision – SMART LIGHTING, MAKE LIFE WONDERFUL. Meanwhile, Brightek is certified by the most strict quality management system (QMS) and has the excellent research and development to become the preferred supplier and business partner for the semiconducting customers around the world.



AUTOMOTIVE
APPLICATIONS



PLCC6 3433RGB
Size(L*W*Hmm): 3.4*3.3*1.9

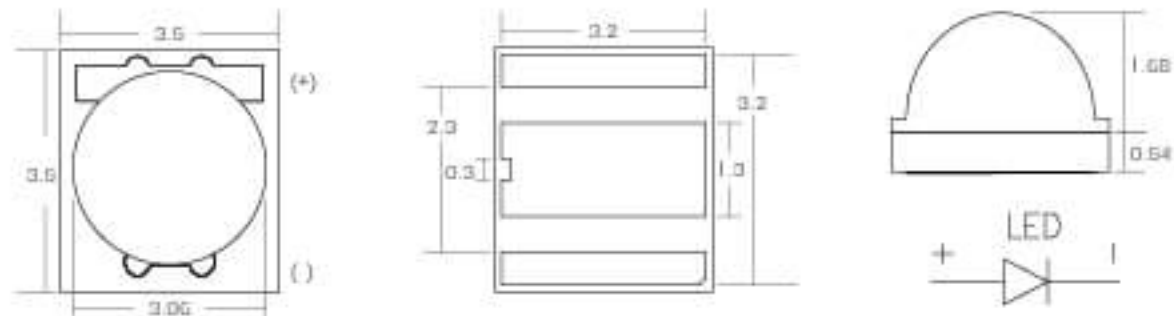


Part Number	color	λ_d (nm)/CCT(K)	Iv(lm) -Min	Iv(lm) -Typ	VF(v)	IF(mA)	2 θ 1/2 °
6SC3433VGB00MSZ1-1	Red	619-624nm	1000	1250	1.9-2.5	20	120
	Green	525-530nm	2080	2500	2.7-3.3		
	Blue	467-472nm	340	410	2.7-3.3		

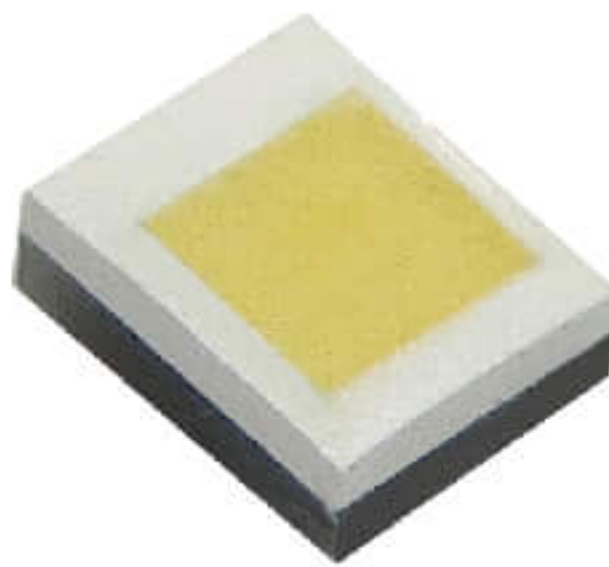


Ceramic 3535

Size(L*W*Hmm): 3.5*3.5*2.22

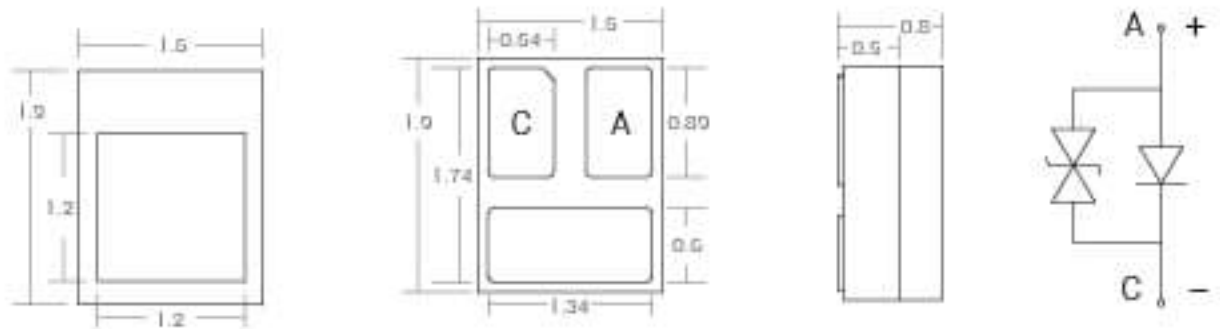


Part Number	color	λ_d (nm)/CCT(K)	Φ_v (lm)-Min	Φ_v (lm)-Typ	VF(v)	IF(mA)	2 θ 1/2 °
1ZHP35AY27CH01Z4	Yellow	585-595nm	45	50	1.8-2.4	350	120
1ZHP35AV27CH01Z4	Red	620-630nm	45	55	1.8-2.4	350	120
1ZHP35AV77CH01Z4	Red	650-670nm	22	26	1.8-2.4	350	120
1ZHP35AG77DHz1Z4	Green	520-530nm	90	100	2.8-3.6	350	120
1ZHP35AB17CHZ1Z4	Blue	460-470nm	22	26	2.8-3.6	350	120



Ceramic 1519

Size(L*W*Hmm): 1.5*1.9*0.75

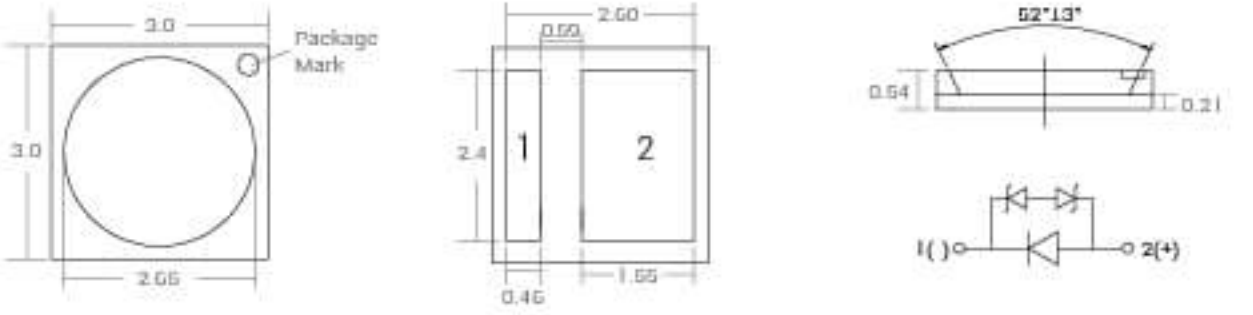


Part Number	color	λ_d (nm)/CCT(K)	Φ_v (lm)-Min	Φ_v (lm)-Typ	VF(v)	IF(mA)	2 θ 1/2 °
5F1519AW3FFMZQNG	Cool White	5700-6300K	/	170	2.8-3.4	500	120
5F1519AW5FFMZQNG	PC Amber	590nm/1700K	/	100	2.8-3.4	500	120
5Z1519AV27DM00NG	Red	620-625nm	/	60	2.0-2.6	500	120
5Z1519AY27DM00NG	yellow	585-595nm	/	65	2.0-2.6	500	120



EMC 3030 120D

Size(L*W*Hmm): 3.0*3.0*0.54

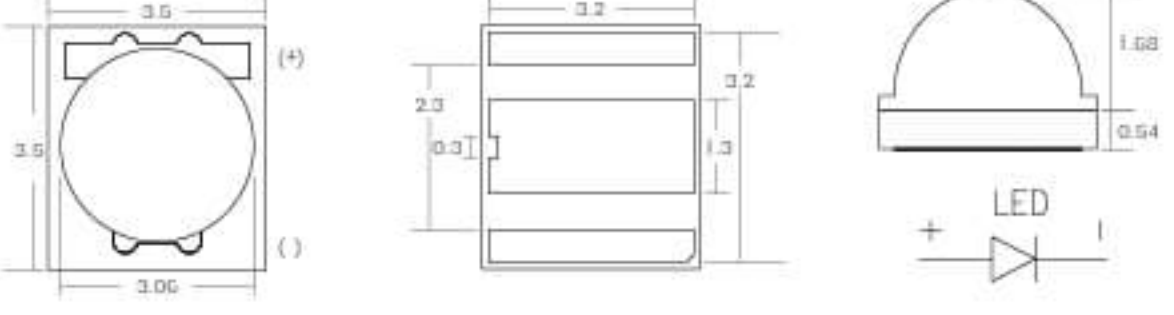


Part Number	color	λ_d (nm)/CCT(K)	Φ_v (lm)-Min	Φ_v (lm)-Typ	VF(v)	IF(mA)	2 θ 1/2 °
5ZSC300W55EVZYN2	PC Amber	1700K	26	35	2.8-3.6	150	120
5ZSC300W57AVZYN4	PC Amber	1700K	50	60	2.8-3.4	350	120
5ZSC300W35EVZQN2	Cool White	5710-6530K	40	55	2.8-3.6	150	120
5ZSC300W37AVZQN4	Cool White	5710-6530K	75	90	2.8-3.4	350	120



Ceramic 3535

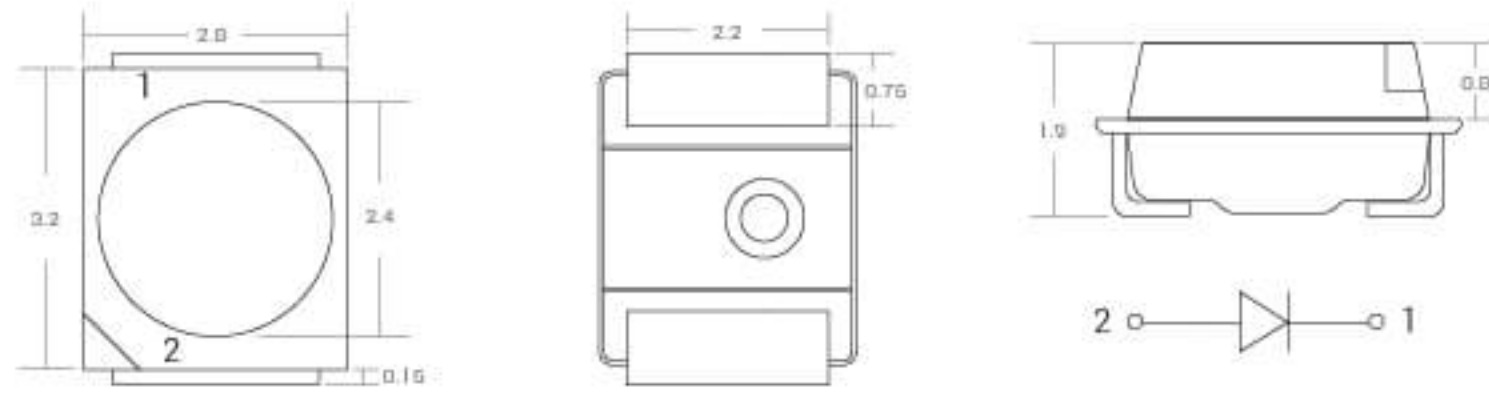
Size(L*W*Hmm): 3.5*3.5*2.22



Part Number	color	λ_d (nm)/CCT(K)	Φ_v (lm)-Min	Φ_v (lm)-Typ	VF(v)	IF(mA)	2 θ 1/2 °
VFDP35AW5FEH0YZ4	PC Amber	1700K	75	90	2.8-3.4	350	120
VFDP35AW5FFH0YZ4	PC Amber	1700K	90	100	2.8-3.4	350	120
VFDP35AW5FEH0AZ4	Warm White	1980-2240K	75	90	2.8-3.4	350	120
VFDP35AW5FEHCDZ4	Warm White	2725-3045K	80	100	2.8-3.4	350	120
VFDP35AW5FFHCDZ4	Warm White	2725-3045K	100	110	2.8-3.4	350	120
VFDP35AW5FEH0KZ4	Neutral White	3710-4260K	90	110	2.8-3.4	350	120
VFDP35AW5FFH04Z4	Neutral White	3710-4260K	120	130	2.8-3.4	350	120
VFDP35AW5FFH0MZ4	Neutral White	4745-5310K	120	140	2.8-3.4	350	120
VFDP35AW3FEH0QZ4	Cool White	5710-6530K	110	130	2.8-3.4	350	120
VFDP35AW3FFH04Z4	Cool White	5710-6530K	120	140	2.8-3.4	350	120



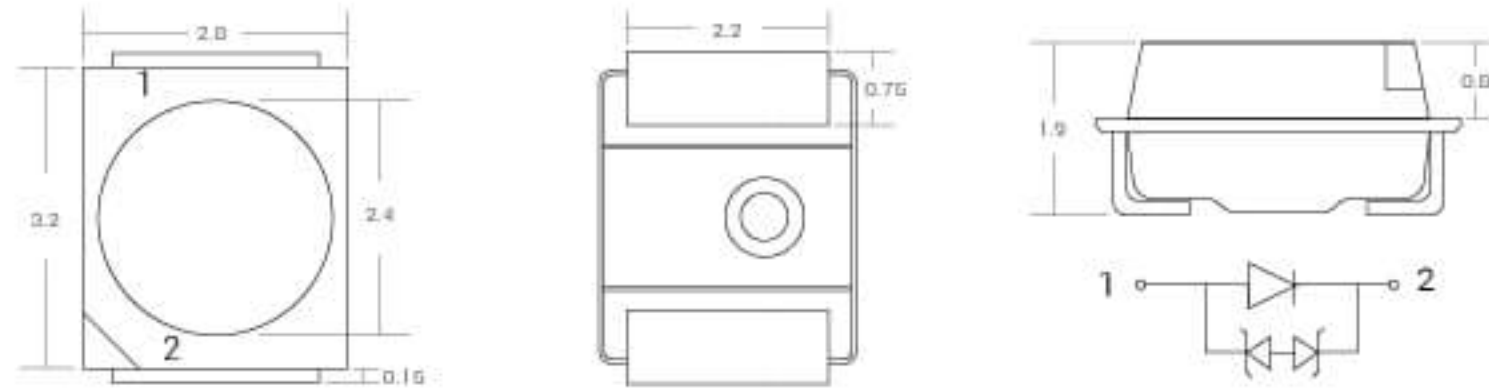
PLCC2 3528
Size(L*W*Hmm): 3.5*2.8*1.9



Part Number	color	$\lambda d(nm)/CCT(K)$	$I_v(mcd)$ -Min	$I_v(mcd)$ -Typ	$V_F(v)$	$I_F(mA)$	$2\theta1/2^\circ$
5SC3528Y24IOCK01	Yellow	585-597nm	1700	2500	1.9-2.2	70	120
5SC3528Y24JOCK01	Yellow	585-597nm	2200	3000	1.9-2.7	70	120
5SC3528V24IOCK01	Red	620-630nm	1700	2700	1.9-2.7	70	120
5SC3528V34HOCK01	Red	625-635nm	2050	2520	1.9-2.7	70	120
5SC3528V14JOCK01	Red	610-620nm	2200	3650	2.0-2.8	70	120
5SC3528V24JOCK01	Red	620-630nm	2200	3240	1.9-2.7	70	120



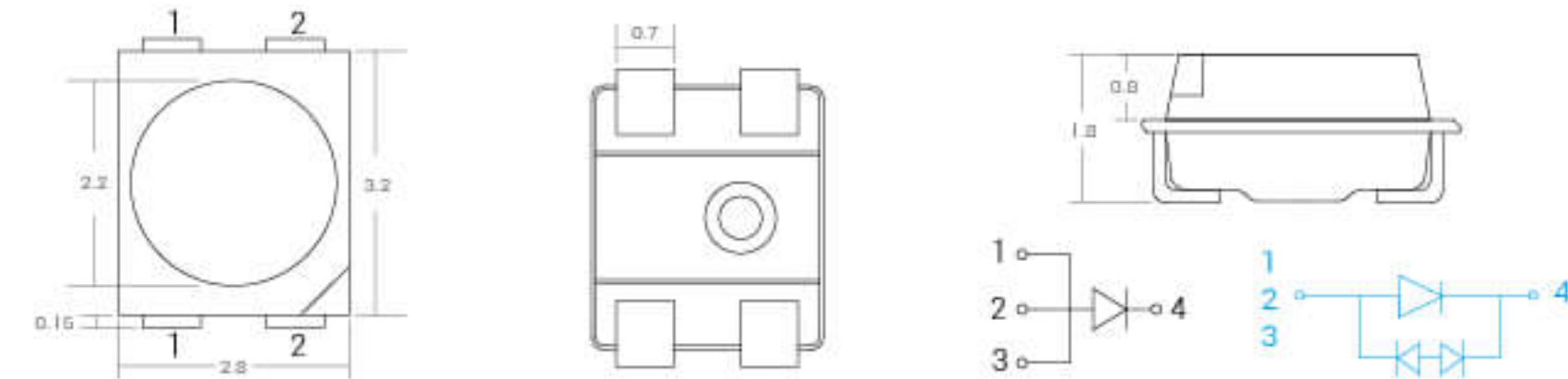
PLCC2 3528
Size(L*W*Hmm): 3.5*2.8*1.9



Part Number	color	$\lambda d(nm)/CCT(K)$	$I_v(mcd)$ -Min	$I_v(mcd)$ -Typ	$V_F(v)$	$I_F(mA)$	$2\theta1/2^\circ$
5SC3528W52FOWKZ2	PC Amber	X0.5702/Y0.4138	3250	3600	2.6-3.4	40	120
5SC3528W52EOWKD1	Warm White	2580-2760K	1250	1450	2.8-3.6	20	120
5SC3528W32FOWKZ1	Cool White	5500-7400K	2050	2350	2.6-3.4	20	120
5SC3528W32FOWKZ3	Cool White	6650-8400K	4650	5000	2.6-3.4	40	120
5SC3528W32FOWKZ5	Cool White	6650-8400K	5850	6250	2.8-3.6	60	120



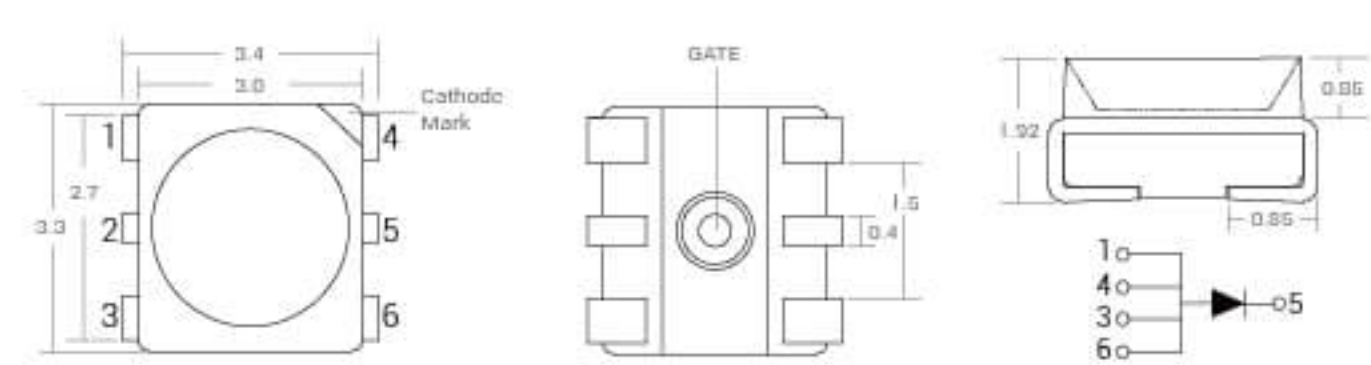
PLCC4 3528
Size(L*W*Hmm): 3.5*2.8*1.8



Part Number	color	$\lambda d(nm)/CCT(K)$	$I_v(mcd)$ -Min	$I_v(mcd)$ -Typ	$V_F(v)$	$I_F(mA)$	$2\theta1/2^\circ$
5SC3528V24IOCP01	Red	620-630nm	1300	2400	1.8-2.8	70	120
5SC3528V34HOCKP01	Red	625-635nm	1700	2500	1.8-2.8	70	120
5SC3528Y24IOCP01	Yellow	585-597nm	1300	2560	1.8-2.8	70	120
6SC3528W62FOWPZ1	冰藍光	X0.195/Y0.251	2650	3050	2.6-3.4	30	120



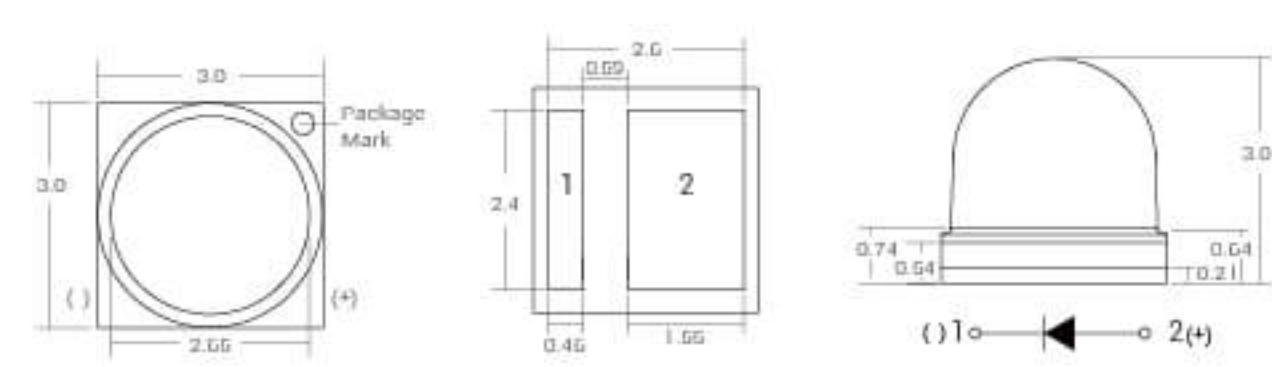
PLCC6 3433
Size(L*W*Hmm): 3.4*3.3*1.92



Part Number	color	$\lambda d(nm)/CCT(K)$	$I_v(mcd)$ -Min	$I_v(mcd)$ -Typ	$V_F(v)$	$I_F(mA)$	$2\theta1/2^\circ$
5Z3433AA26DN01NQ	Red	609-621nm	4600	8110	1.9-2.7	140	120
5Z3433AV26DN01NQ	Red	620-630nm	3600	6520	1.9-2.7	140	120
5Z3433AV36BN01NQ	Red	625-635nm	2800	5200	1.9-2.7	140	120
5Z3433AY26DN01NQ	Yellow	585-597nm	3600	7350	1.9-2.7	140	120
5Z3433AB16BNZ1NQ	Blue	460-470nm	1700	2600	2.7-3.9	140	120



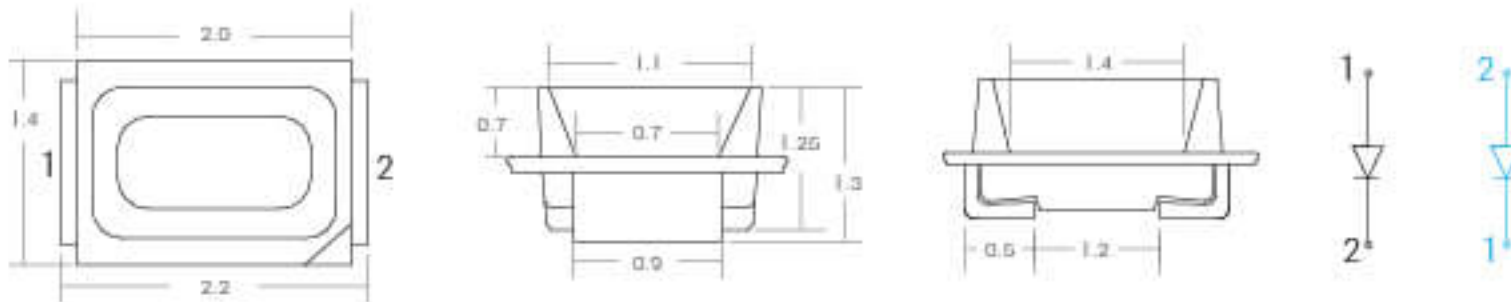
EMC 3030 30D
Size(L*W*Hmm): 3.0*3.0*3.0



Part Number	color	$\lambda d(nm)/CCT(K)$	$\Phi_v(lm)$ -Min	$\Phi_v(lm)$ -Typ	$V_F(v)$	$I_F(mA)$	$2\theta1/2^\circ$
5ZSC30DY24JV01ZM	Yellow	585-595nm	9	12	2.0-2.6	70	30
5ZSC30DV14JV01ZM	Red	612-620nm	10	14	2.0-2.6	70	30
5ZSC30DV24JV01ZM	Red	620-630nm	8	10	2.0-2.6	70	30
5ZSC30DV26DV01NH	Red	620-630nm	28	35	1.8-2.6	200	30
5ZSC30DV66BV01Z2	Red	635-650nm	6t	8	1.8-2.6	150	30



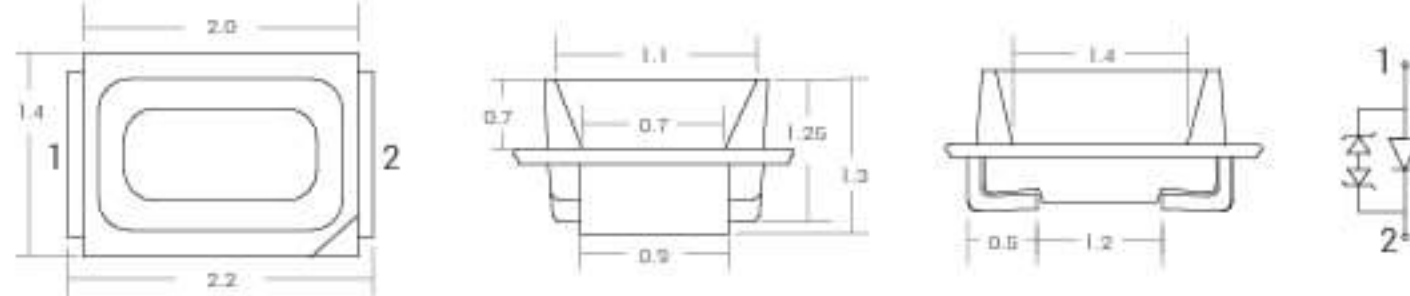
PLCC2 2214
Size(L*W*Hmm): 2.2*1.4*1.3



Part Number	color	λ_d (nm)/CCT(K)	Iv(mcd)-Min	Iv(mcd)-Typ	VF(v)	IF(mA)	2 θ 1/2 °
6SC2214V21C0CM01	Red	620-630nm	120	220	1.7-2.5	20	120
6SC2214V31B0CM01	Red	625-635nm	90	140	1.7-2.5	20	120
6SC2214A21A0CM01	Orange	600-612nm	120	200	1.7-2.5	20	120
6SC2214Y21A0CM01	Yellow	585-597nm	90	190	1.7-2.5	20	120
6SC2214Y24I0CM01	Yellow	585-597nm	460	770	1.7-2.5	20	120
6SC2214G41A0CM01	Green	564.5-576.5nm	20	44	1.7-2.5	20	120
6SC2214G71C0CMZ1	Green	520-535nm	460	860	2.8-3.6	20	120
6SC2214B12C0CMZ1	Blue	462.5-472.5nm	160	270	2.8-3.6	20	120



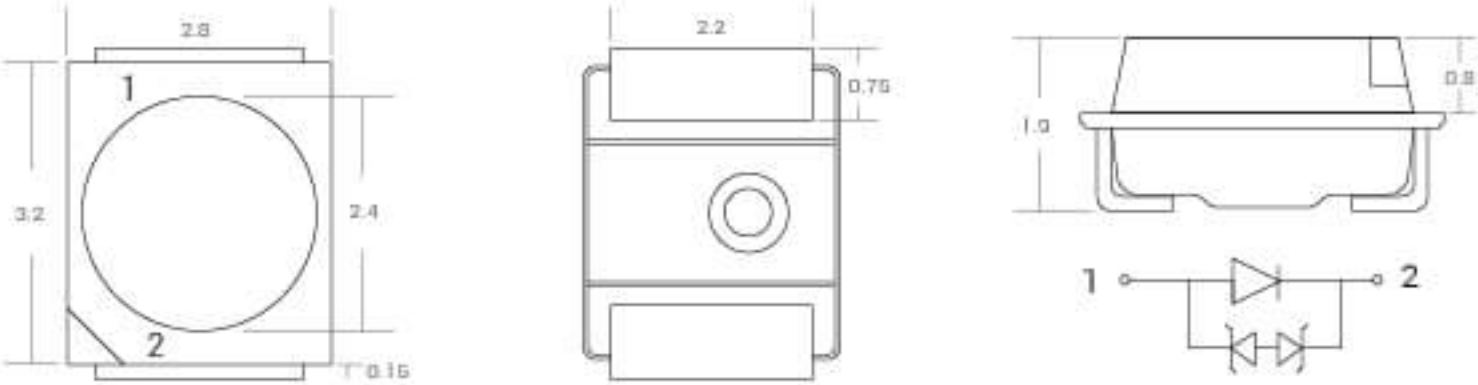
PLCC2 2214
Size(L*W*Hmm): 2.2*1.4*1.3



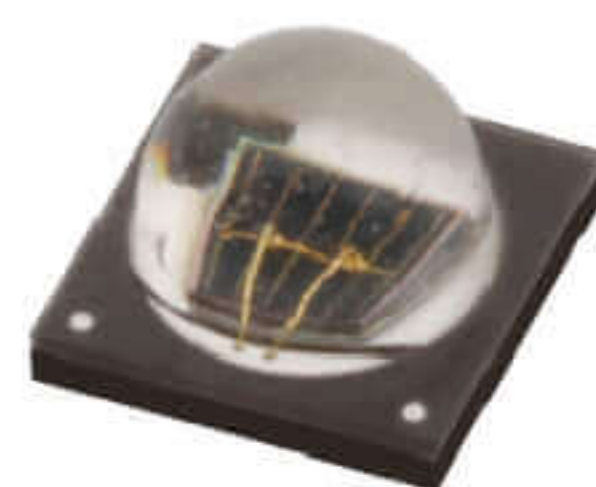
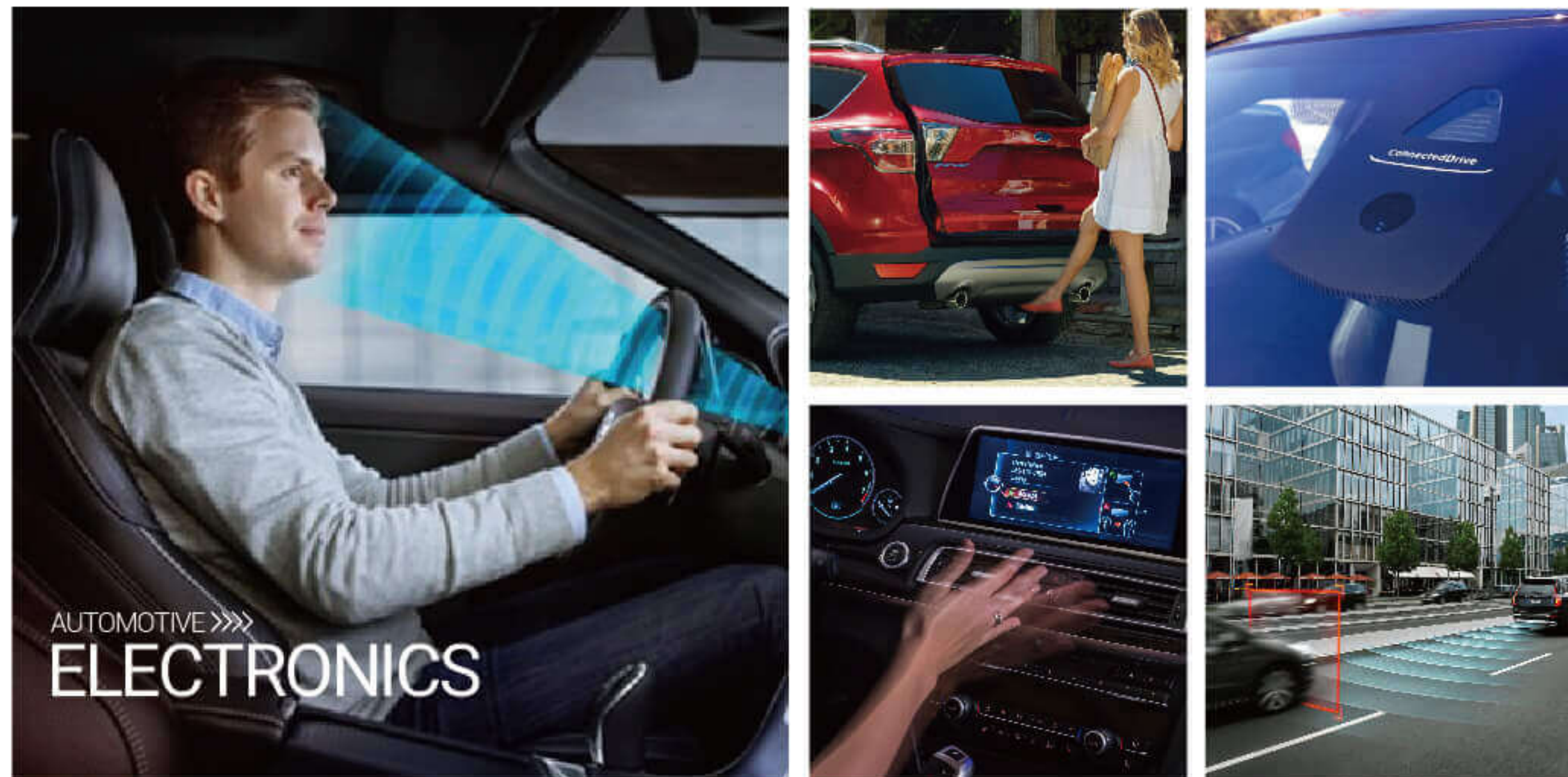
Part Number	color	λ_d (nm)/CCT(K)	Iv(mcd)-Min	Iv(mcd)-Typ	VF(v)	IF(mA)	2 θ 1/2 °
6SC2214W31A0WMZ1	Cool White	5710-6530K	460	730	2.6-3.4	10	120
6SC2214W31A0WMZ2	Cool White	9900-16000K	350	590	2.6-3.4	10	120
6SC2214W31A0WMZ4	Cool White	16000-90000K	210	320	2.4-3.2	5	120
6SC2214W31A0WMZ5	Cool White	8400-12000K	600	1080	2.8-3.6	20	120
6SC2214W31A0WMZ7	Cool White	9900-16000K	460	620	2.7-3.4	10	120
6SC2214W31A0WMZB	Cool White	12000-25000K	160	230	2.4-3.2	3	120
6SC2214W31A0WMZC	Cool White	X0.237/Y0.232	210	330	2.4-3.2	5	120
6SC2214W31A0WMZD	Cool White	8400-12000K	120	223	2.4-3.2	3	120
6SC2214W32E0WMZ6	Cool White	16000-90000K	160	300	2.4-3.2	3	120
6SC2214W51A0WMZ1	PC Amber	X0.5229/Y0.3471	160	300	2.4-3.2	5	120
6SC2214W52E0WMZ1	Neutral White	3920-4600K	1650	2000	2.7-3.5	20	120
6SC2214W52E0WMZ2	Warm White	2760-3160K	1650	2000	2.7-3.5	20	120
6SC2214W61A0WMZ2	冰藍光	X0.1969/Y0.2272	460	950	2.8-3.6	20	120
6SC2214W61A0WMZ4	冰藍光	X0.2105/Y0.1909	160	260	2.4-3.2	5	120
6SC2214W62E0WMZ1	冰藍光	X0.2172/Y0.1466	780	1240	2.8-3.6	20	120
6SC2214W62E0WMZ3	冰藍光	X0.181/Y0.242	1000	1400	2.8-3.6	20	120
6SC2214W62F0WMZ1	冰藍光	X0.175/Y0.215	1050	1400	2.4-3.2	20	120



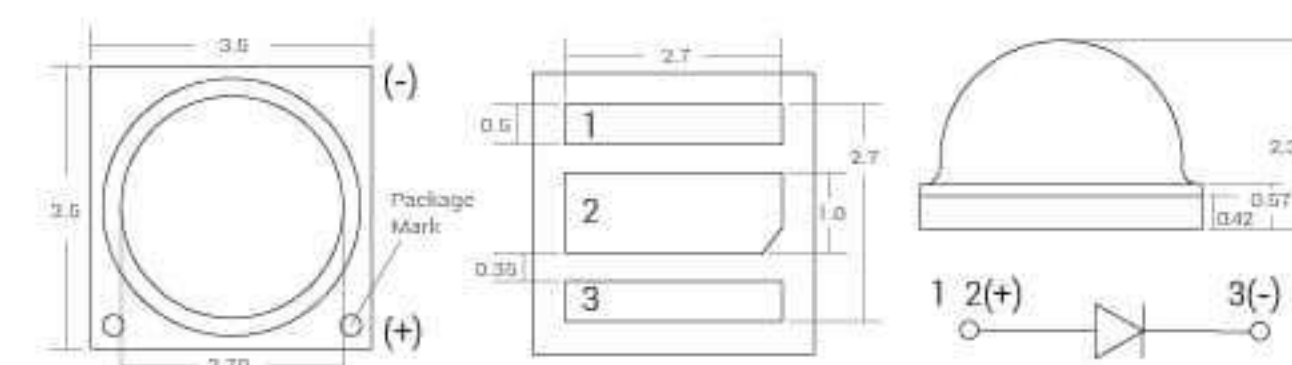
PLCC2 3528
Size(L*W*Hmm): 3.5*2.8*1.9



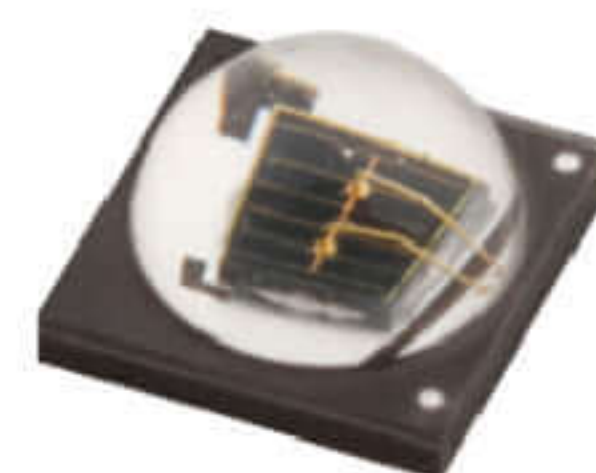
Part Number	color	λ_d (nm)/CCT(K)	Iv(mcd)-Min	Iv(mcd)-Typ	VF(v)	IF(mA)	2 θ 1/2 °
6SC3528W31A0WKZ1	Cool White	12000-18000K	600	1200	2.8-3.6	20	120
6SC3528W31A0WKZ2	Cool White	16000-25000K	460	700	2.6-3.4	10	120
6SC3528W32E0WKZ1	Cool White	X0.301/Y0.292	600	1110	2.6-3.4	10	120
6SC3528W32E0WKZ2	Cool White	5710-6530K	2000	2300	2.7-3.5	20	120
6SC3528W32E0WKZ3	Cool White	7400-12000K	600	1100	2.5-3.3	10	120
6SC3528W32E0WKZ7	Cool White	6650-7400K	600	1110	2.6-3.4	10	120
6SC3528W32E0WKZ8	Cool White	8400-12000K	570	1100	2.45-3.35	10	120
6SC3528W32E0WKZC	Cool White	8400-12000K	1650	2000	2.8-3.6	20	120
6SC3528W32F0WKZ1	Cool White	6000-7400K	2200	3300	2.7-3.5	30	120
6SC3528W61A0WKZ1	冰藍光	X0.20/Y0.30	600	1200	2.8-3.6	20	120
6SC3528W61A0WKZ4	冰藍光	X0.1914/Y0.2647	780	1250	2.8-3.6	20	120
6SC3528W62F0WKZ1	冰藍光	X0.175/Y0.21	1450	1760	2.8-3.6	20	120
6SC3528Y22C0CK01	Yellow	585-597nm	120	190	1.7-2.5	20	120
6SC3528A22E0CK01	Orange	600-612nm	160	310	1.7-2.5	20	120
6SC3528V22D0CK01	Red	620-630nm	120	200	1.7-2.5	20	120
6SC3528G42A0CK01	Green	567.5-576.5nm	55	90	1.7-2.4	20	120
6SC3528G72E0CKZ1	Green	520-535nm	780	1500	2.8-3.6	20	120
6SC3528B12E0CKZ1	Blue	462.5-472.5nm	210	400	2.8-3.6	20	120



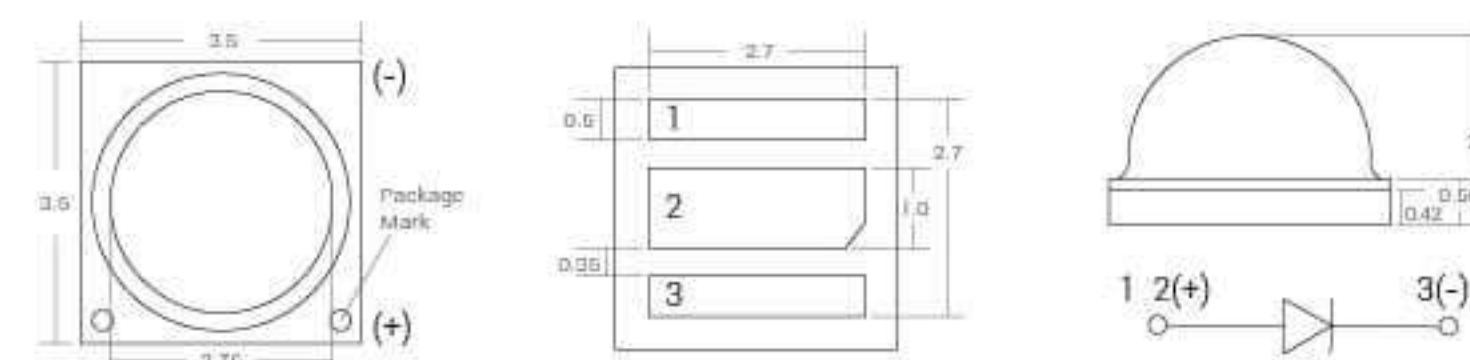
BS Ceramic3535 90D
Size(L*W*Hmm): 3.5*3.5*2.29



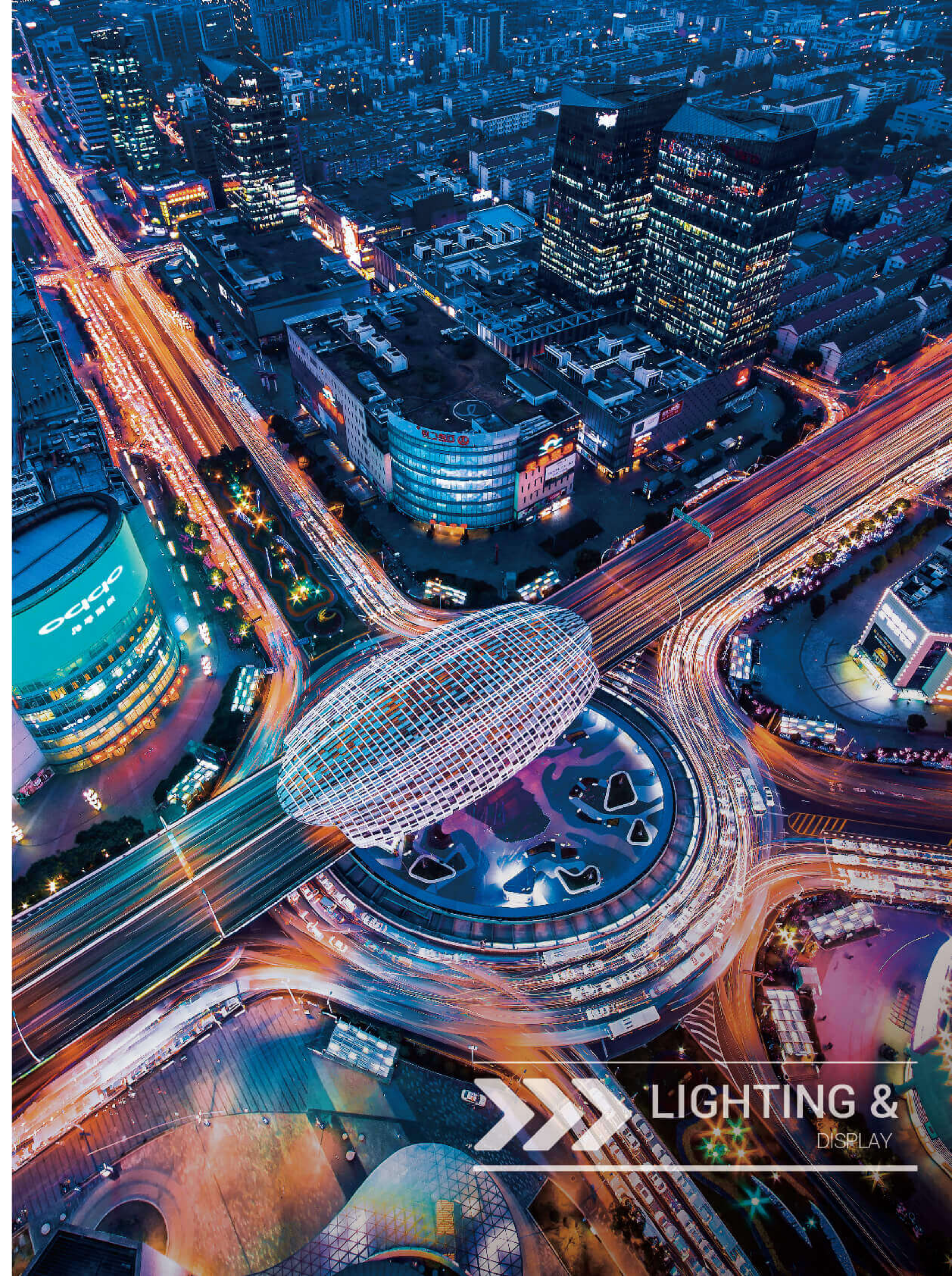
Part Number	color	$\lambda_d(\text{nm})/\text{CCT}(\text{K})$	$\Phi_v(\text{mcd})-\text{Min}$	$\Phi_v(\text{mcd})-\text{Typ}$	$V_f(\text{V})$	$I_f(\text{mA})$	$2\theta_{1/2}^\circ$
1ZBS35CF37BH01ZC	IR	840-870nm	600	700	1.6-2.4	1000	90
1ZBS35CF37CH01ZC	IR	840-870nm	700	850	1.6-2.4	1000	90



BS Ceramic3535 120D
Size(L*W*Hmm): 3.5*3.5*2.1



Part Number	color	$\lambda_d(\text{nm})/\text{CCT}(\text{K})$	$\Phi_v(\text{mcd})-\text{Min}$	$\Phi_v(\text{mcd})-\text{Typ}$	$V_f(\text{V})$	$I_f(\text{mA})$	$2\theta_{1/2}^\circ$
1ZBS35AF37CH01ZC	IR	840-870	700	850	1.6-2.4	1000	120
1ZBS35AF37BH01ZC	IR	840-870	600	700	1.6-2.4	1000	120

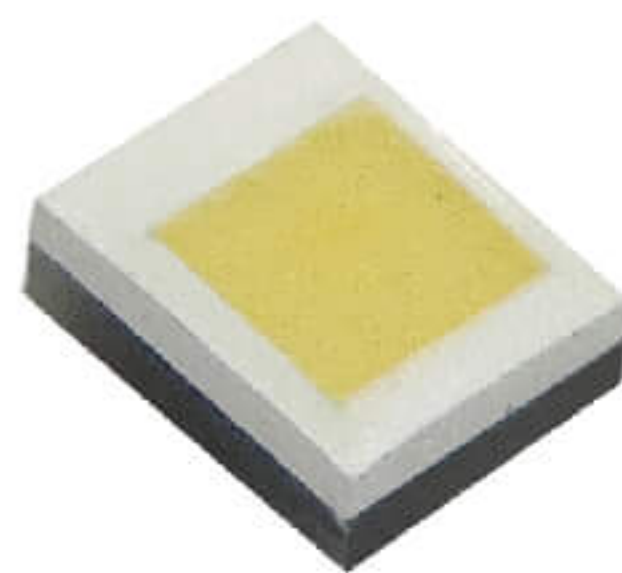


LIGHTING & DISPLAY



Ceramic 1519

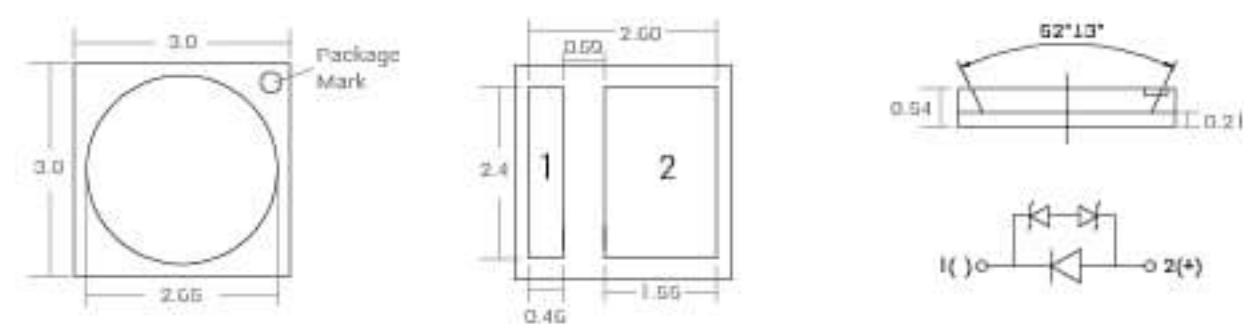
Size(L*W*Hmm): 1.5*1.9*0.75



Part Number	color	$\lambda d(nm)/CCT(K)$	$\Phi v(lm)-Min$	$\Phi v(lm)-Typ$	VF(v)	IF(mA)	2 θ 1/2 °
5F1519AW3FFMZQNG	Cool White	5700-6300K	/	170	2.8-3.4	500	120
5F1519AW3FFMZQNG	PC Amber	590nm/1700K	/	100	2.8-3.4	500	120
5Z1519AV27DM00NG	Red	620-625nm	/	60	2.0-2.6	500	120
5Z1519AY27DM00NG	yellow	585-595nm	/	65	2.0-2.6	500	120

EMC 3030 120D

Size(L*W*Hmm): 3.0*3.0*0.54

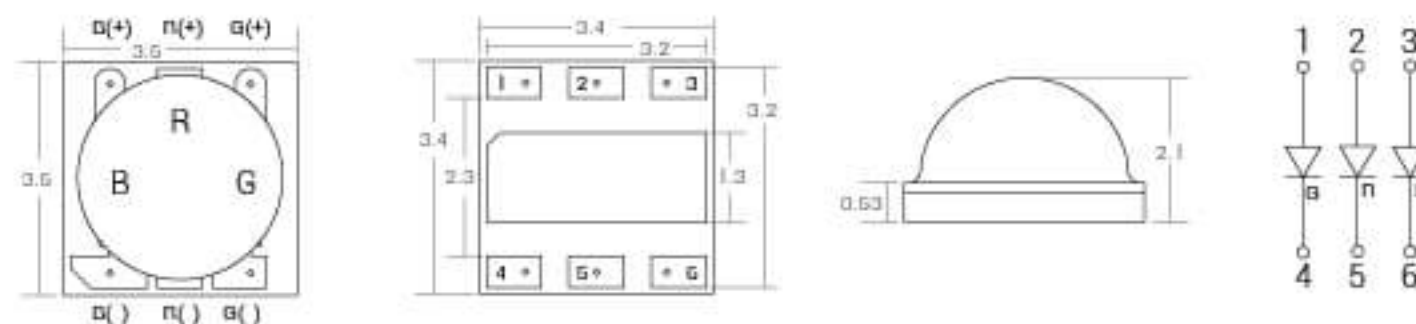


Part Number	color	$\lambda d(nm)/CCT(K)$	$\Phi v(lm)-Min$	$\Phi v(lm)-Typ$	VF(v)	IF(mA)	2 θ 1/2 °
5ZSC300W55EVZYN2	PC Amber	1700K	26	35	2.8-3.6	150	120
5ZSC300W57AVZYN4	PC Amber	1700K	50	60	2.8-3.4	350	120
5ZSC300W35EVZQN2	Cool White	5710-6530K	40	55	2.8-3.6	150	120
5ZSC300W37AVZQN4	Cool White	5710-6530K	75	90	2.8-3.4	350	120

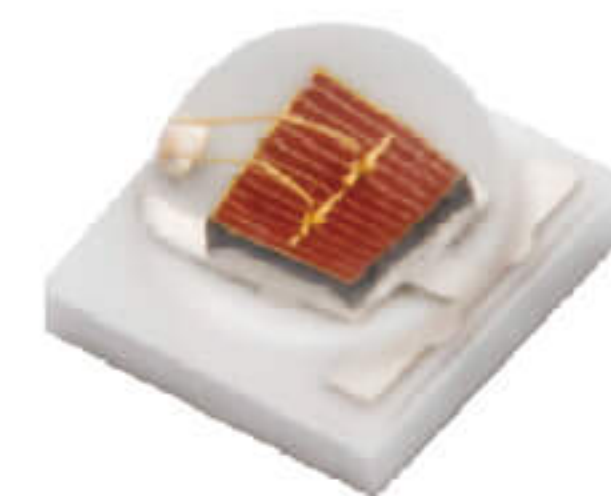


Ceramic 3535RGB

Size(L*W*Hmm): 3.5*3.5*2.1

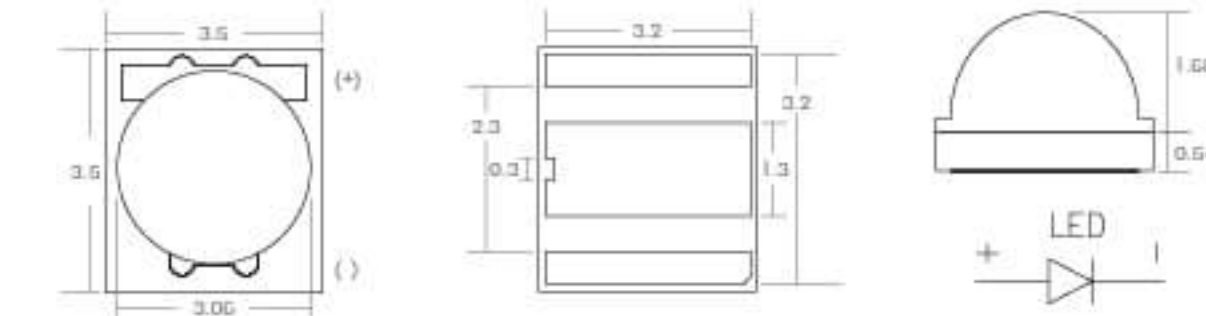


Part Number	color	$\lambda d(nm)/CCT(K)$	$Iv(mcd)-Min$	$Iv(mcd)-Typ$	VF(v)	IF(mA)	2 θ 1/2 °
1ZHP35AVGB0H01Z4	Red	616-625	45	50	2.0-2.6	350	125
	Green	520-530	70	75	3.0-3.6		
	Blue	460-470	18	22	3.0-3.6		



Ceramic 3535

Size(L*W*Hmm): 3.5*3.5*2.22

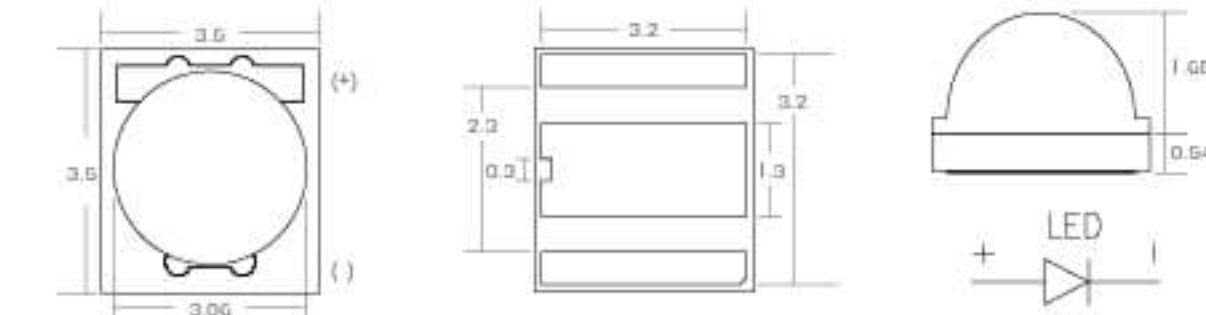


Part Number	color	$\lambda d(nm)/CCT(K)$	$\Phi v(mcd)-Min$	$\Phi v(mcd)-Typ$	VF(v)	IF(mA)	2 θ 1/2 °
1ZHP35AY27CH01Z4	Yellow	585-595nm	45	50	1.8-2.4	350	120
1ZHP35AV27CH01Z4	Red	620-630nm	45	55	1.8-2.4	350	120
1ZHP35AV27CH02Z4	Red	620-630nm	/	55	1.8-2.4	350	120
1ZHP35AV28CH01Z4	Red	620-630nm	/	64	1.8-2.4	350	120
1ZHP35AV77CH01Z4	Red	650-670nm	22	26	1.8-2.4	350	120
1ZHP35AG77DHZ1Z4	Green	520-530nm	90	100	2.8-3.6	350	120
1ZHP35AG78DH01Z4	Green	520-535nm	/	125	2.8-3.6	350	120
1ZHP35AB17CHZ1Z4	Blue	460-470nm	22	26	2.8-3.6	350	120
1ZHP35AB18CH01Z4	Blue	460-475nm	/	27	2.8-3.6	350	120



Ceramic 3535

Size(L*W*Hmm): 3.5*3.5*2.22

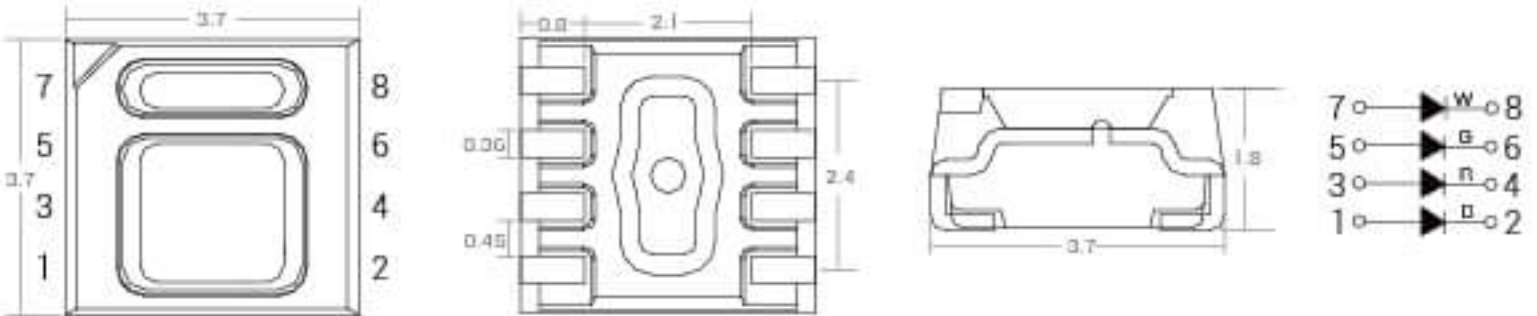


Part Number	color	$\lambda d(nm)/CCT(K)$	$\Phi v(mcd)-Min$	$\Phi v(mcd)-Typ$	VF(v)	IF(mA)	2 θ 1/2 °
VFDP35AW5FEH0YZ4	PC Amber	1700	75	90	2.8-3.4	350	120
VFDP35AW5FFH0YZ4	PC Amber	1700	90	100	2.8-3.4	350	120
VZHP35AW58FH0YZ4	PC Amber	1700	/	90	2.8-3.6	350	120
VFDP35AW5FEH0AZ4	Warm White	1980-2240	75	90	2.8-3.4	350	120
VFDP35AW5FEHCDZ4	Warm White	2725-3045	80	100	2.8-3.4	350	120
VFDP35AW5FFHCDZ4	Warm White	2725-3045	100	110	2.8-3.4	350	120
VFDP35AW5FEH0KZ4	Neutral White	3710-4260	90	110	2.8-3.4	350	120
VFDP35AW5FFH04Z4	Neutral White	3710-4260	120	130	2.8-3.4	350	120
VFDP35AW5FFH0MZ4	Neutral White	4745-5310	120	140	2.8-3.4	350	120
VFDP35AW3FEH0QZ4	Cool White	5710-6530	110	130	2.8-3.4	350	120
VFDP35AW3FFH04Z4	Cool White	5710-6530	120	140	2.8-3.4	350	120



3535RGBW

Size(L*W*Hmm): 3.7*3.5*1.8

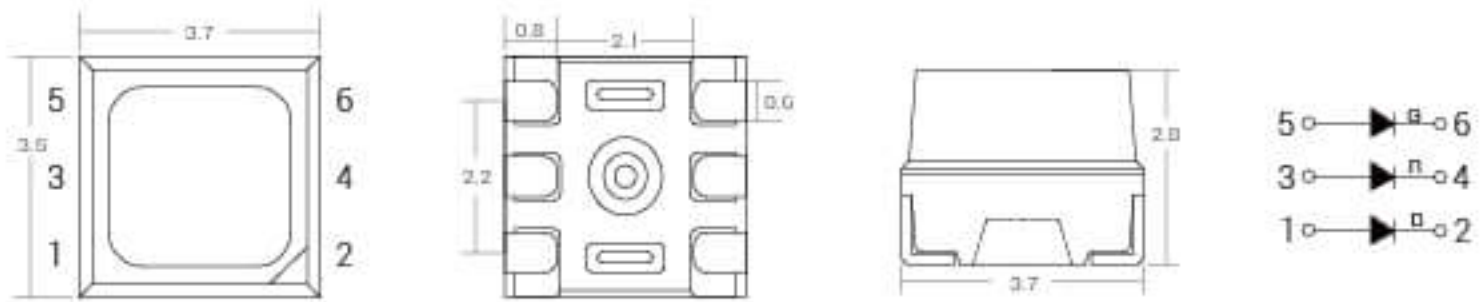


Part Number	color	$\lambda d(nm)/CCT(K)$	$Iv(mcd)$ -Min	$Iv(mcd)$ -Typ	$VF(v)$	$IF(mA)$	$2\theta1/2^\circ$
1SC3535VGBW0MF06	Red	618-628nm	/	750	1.9-2.5	20	120
	Green	520-530nm	/	1500	2.8-3.4		
	Blue	465-475nm	/	370	2.8-3.4		
	White	X0.446/Y0.407	/	1900	2.8-3.4		
1SC3535VGBW0MF07	Red	618-628nm	/	750	1.9-2.5	20	120
	Green	520-530nm	/	1500	2.8-3.4		
	Blue	465-475nm	/	370	2.8-3.4		
	White	X0.382/Y0.38	/	1900	2.8-3.4		
1SC3535VGBW0MF10	Red	618-628nm	/	750	1.9-2.5	20	120
	Green	520-530nm	/	1800	2.6-3.2		
	Blue	460-475nm	/	370	2.6-3.2		
1SC3535VGBW0MF11	Red	618-628nm	/	750	1.9-2.5	20	120
	Green	520-530nm	/	1800	2.6-3.2		
	Blue	460-475nm	/	370	2.6-3.2		
	White	X0.382/Y0.38	/	1900	2.6-3.2		

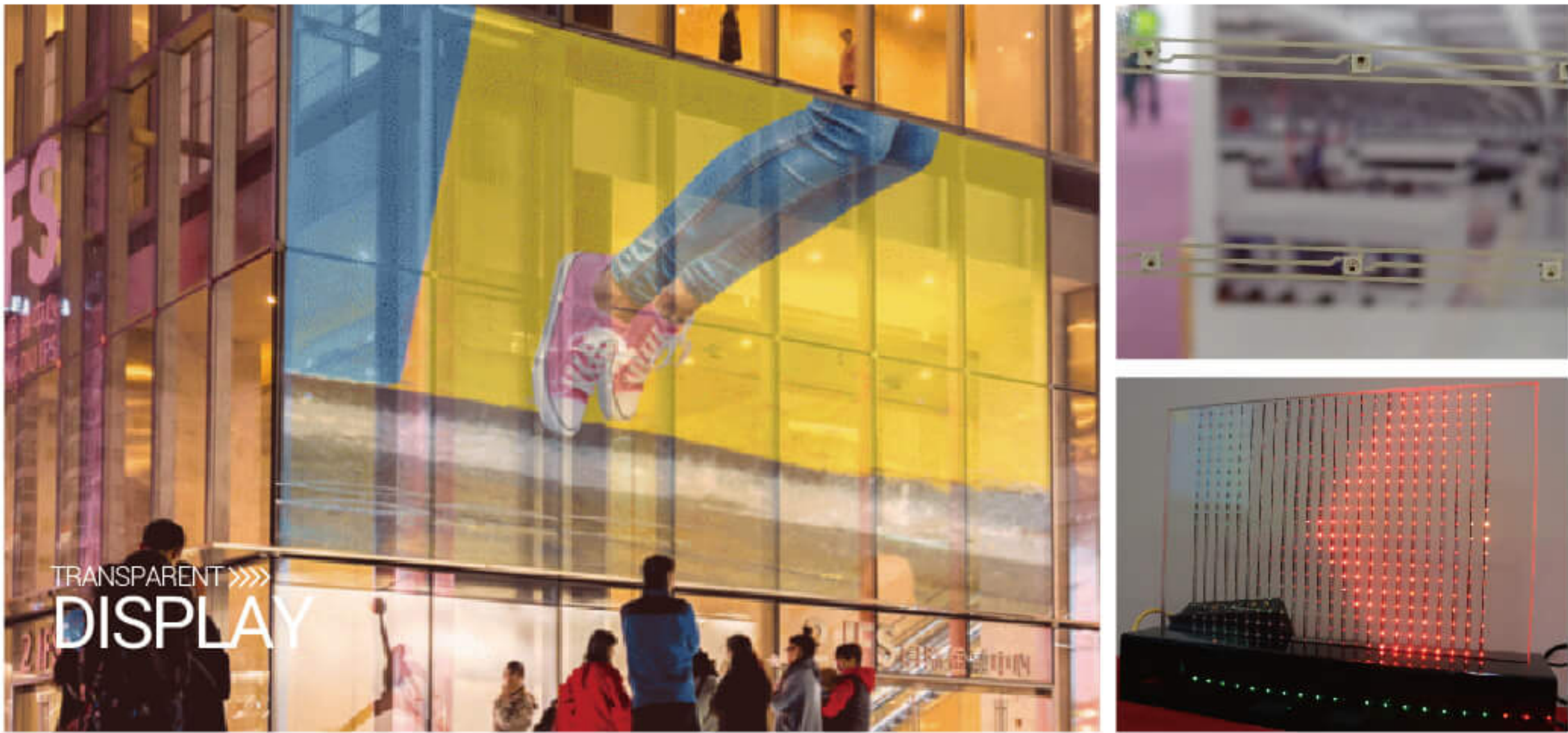


3535RGB

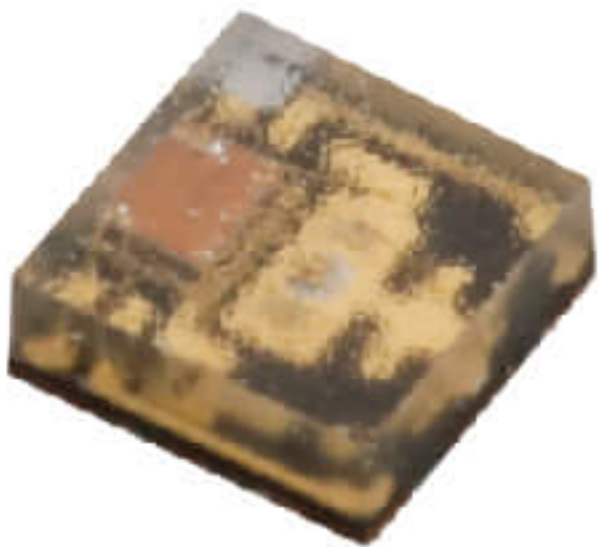
Size(L*W*Hmm): 3.5*3.5*2.8



Part Number	color	$\lambda d(nm)/CCT(K)$	$Iv(mcd)$ -Min	$Iv(mcd)$ -Typ	$VF(v)$	$IF(mA)$	$2\theta1/2^\circ$
1SC3535VGB00MD01	Red	618-628nm	480	718	1.8-2.6	20	120
	Green	520-530nm	1230	1720	2.8-3.6		
	Blue	465-475nm	260	390	2.8-3.6		
1SC3535VGB00MD09	Red	618-628nm	/	760	1.8-2.6	20	120
	Green	520-530nm	/	2200	2.8-3.6		
	Blue	460-475nm	/	390	2.8-3.6		

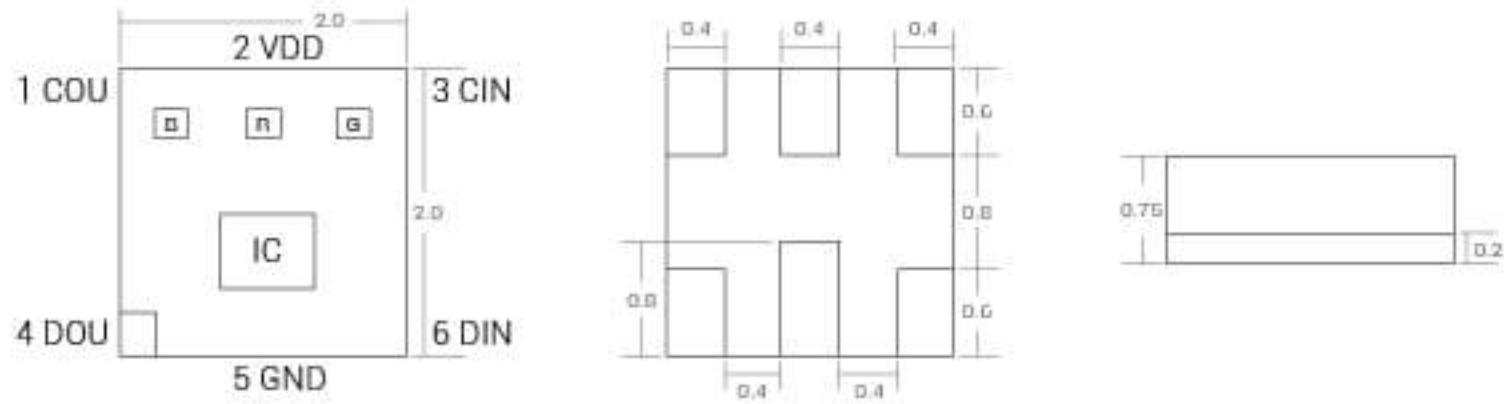


TRANSPARENT
DISPLAY



iCLed20 6PIN

Size(L*W*Hmm): 2.0*2.0*0.75



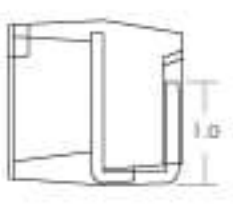
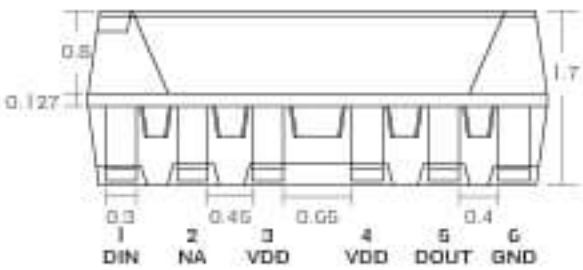
Part Number	color	$\lambda d(nm)/CCT(K)$	$Iv(mcd)$ -Min	$Iv(mcd)$ -Typ	$VF(v)$	$IF(mA)$	$2\theta1/2^\circ$
ISA2020VGB1C1K3	Red	615-630	/	430	4.5-5.5	20	120
	Green	520-535	/	750			
	Blue	460-475	/	140			
	White	X0.24/Y0.25	/	1000			



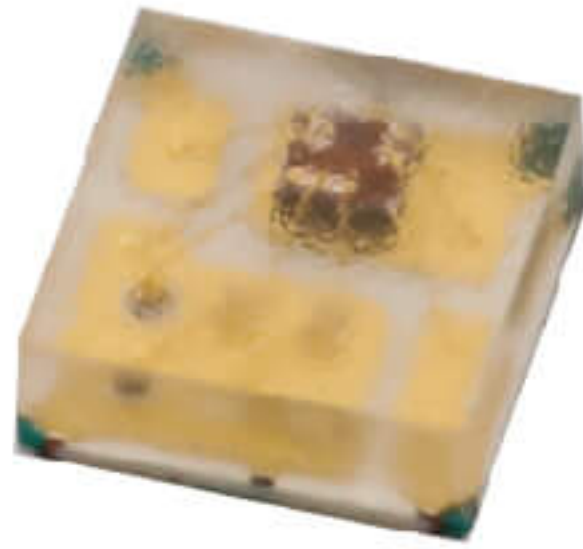
SMART HOME



iCLed4516 (Side Light)
Size(L*W*Hmm): 4.5*1.6*1.7

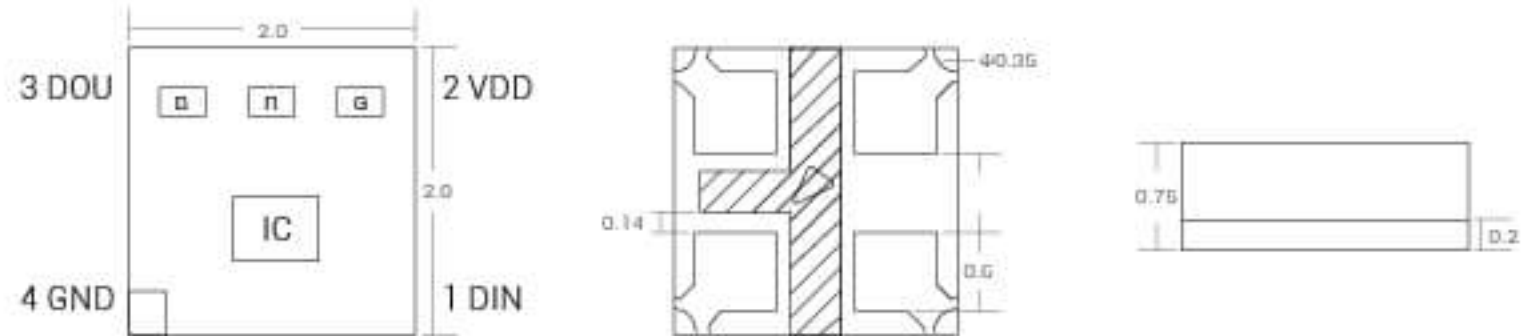


Part Number	color	$\lambda_d(\text{nm})/\text{CCT}(\text{K})$	Iv(mcd)-Min	Iv(mcd)-Typ	VF(v)	IF(mA)	2 θ 1/2 °
ISD4516VGBC1MAA2	Red	615-630	/	300	3.8-5.5	12	120
	Green	520-535	/	1000			
	Blue	460-475	/	190			
	White	X0.242/Y0.286	1000	1500			
ISD4516VGBC1MAK3	Red	615-630	/	370	4.5-5.5	20	120
	Green	520-535	/	1000			
	Blue	460-475	/	230			
	White	X0.2735/Y0.2728	/	1450			



iCLed20 4PIN

Size(L*W*Hmm): 2.0*2.0*0.75

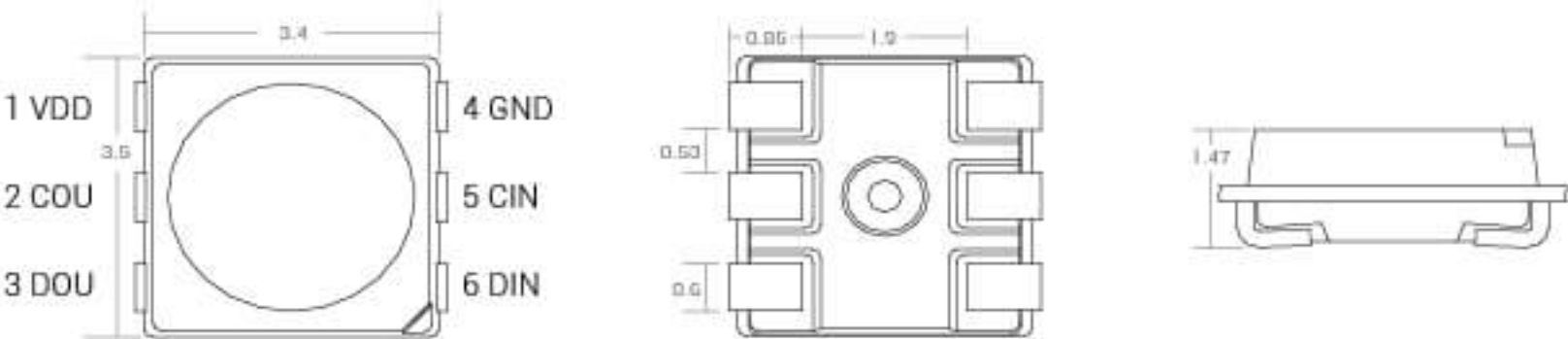


Part Number	color	λ d(nm)/CCT(K)	lv(mcd) -Min	lv(mcd) -Typ	VF(v)	IF(mA)	2 θ 1/2 °
ISA2020VGBC1CK1	Red	615-630	/	75	3.8-5.5	5	120
	Green	520-535	/	230			
	Blue	460-475	/	35			
	White	X0.262/Y0.313	/	300			

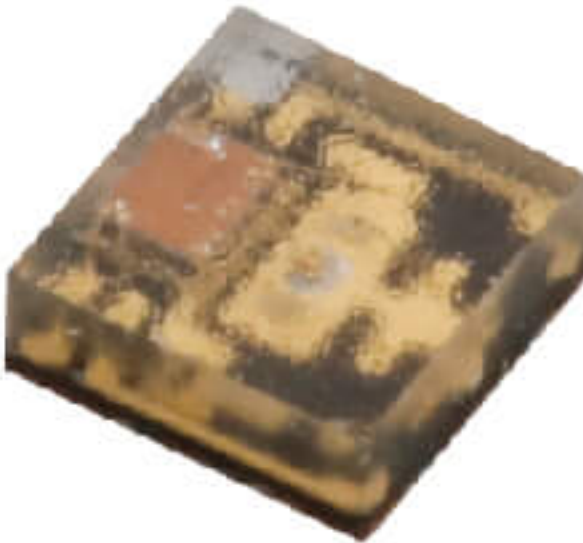


iCLed35 6PIN

Size(L*W*Hmm): 3.4*3.5*1.47

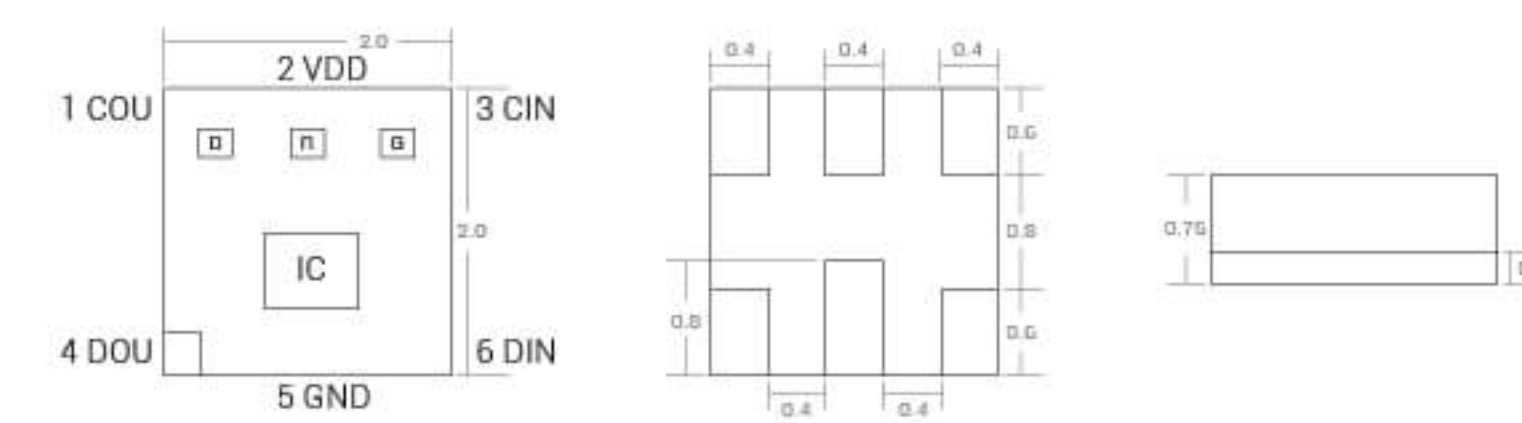


Part Number	color	λ d(nm)/CCT(K)	lv(mcd) -Min	lv(mcd) -Typ	VF(v)	IF(mA)	2 θ 1/2 °
ISC3535VGBC1MCK3	Red	615-630nm	/	550	4.5-5.5	20	120
	Green	520-535nm	/	1700			
	Blue	460-475nm	/	300			
	White	X0.25/Y0.25	/	2500			



iCLed20 6PIN

Size(L*W*Hmm): 2.0*2.0*0.75

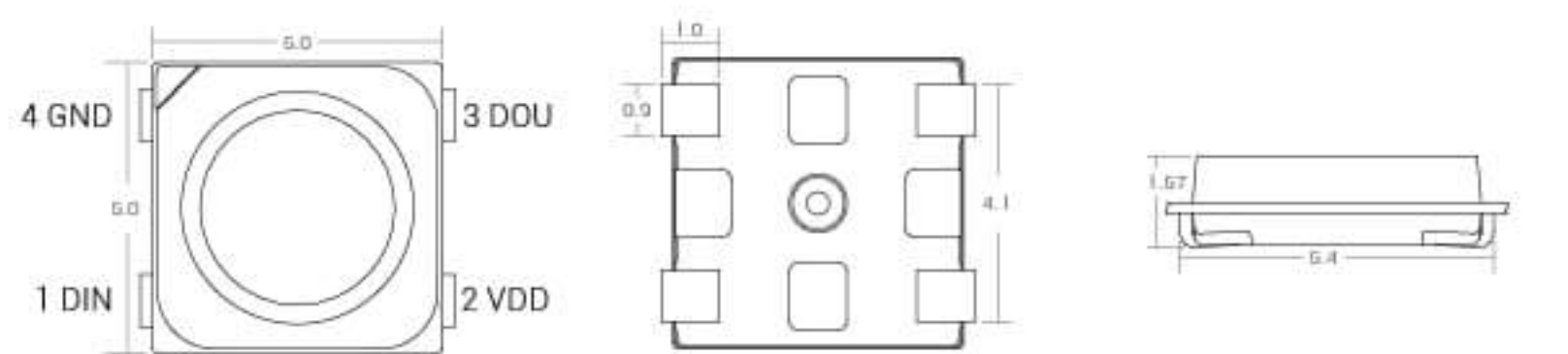


Part Number	color	λ d(nm)/CCT(K)	lv(mcd) -Min	lv(mcd) -Typ	VF(v)	IF(mA)	2 θ 1/2 °
ISA2020VGBC1CK3	Red	615-630	/	430	4.5-5.5	20	120
	Green	520-535	/	750			
	Blue	460-475	/	140			
	White	X0.24/Y0.25	/	1000			



iCLed50 4PIN

Size(L*W*Hmm): 5.0*5.0*1.57

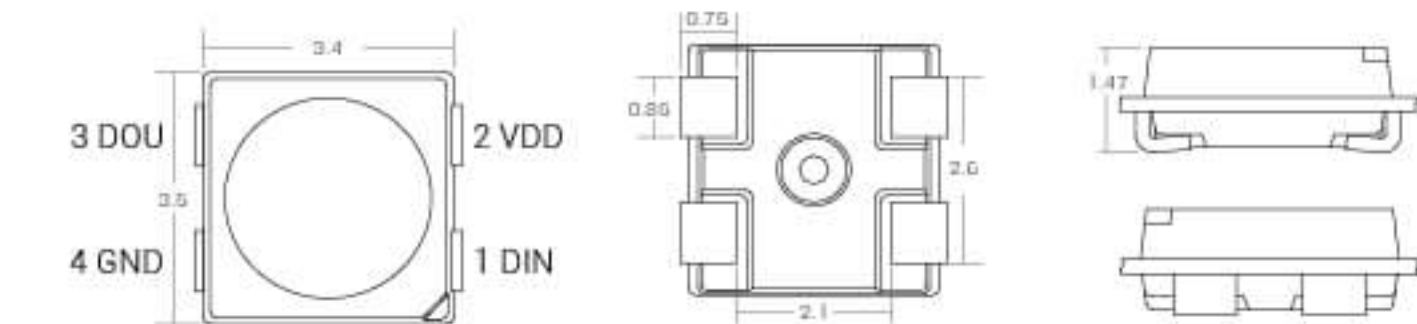


Part Number	color	λ d(nm)/CCT(K)	lv(mcd) -Min	lv(mcd) -Typ	VF(v)	IF(mA)	2 θ 1/2 °
ISC5050VGBC1CD1	Red	615-630nm	/	130	3.8-5.5	5	120
	Green	520-535nm	/	500			
	Blue	460-475nm	/	100			
	White	X0.24/Y0.25	460	750			

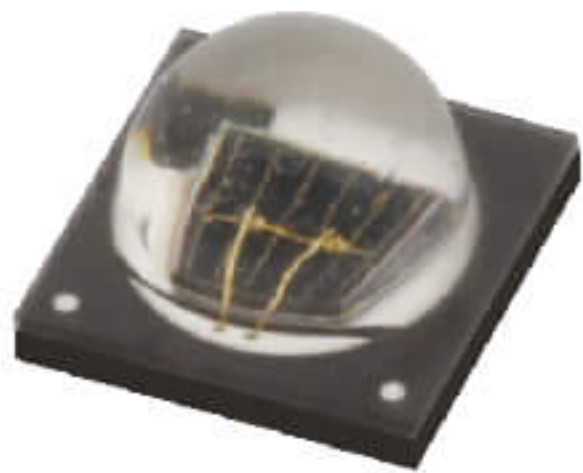
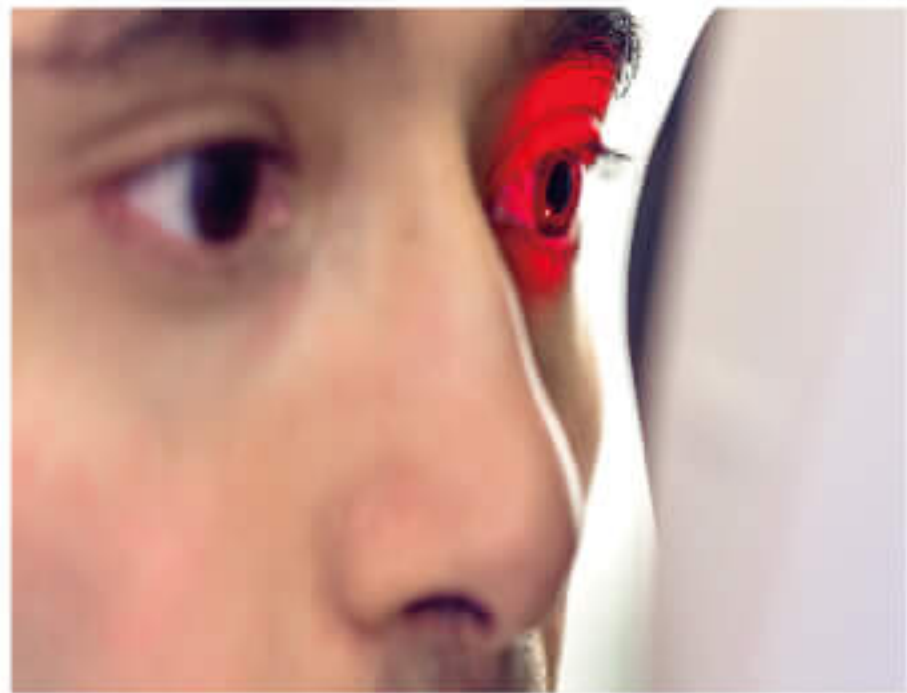


iCLed35 4PIN

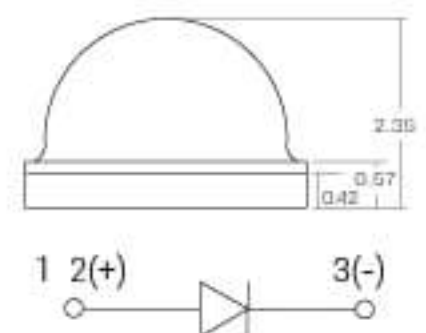
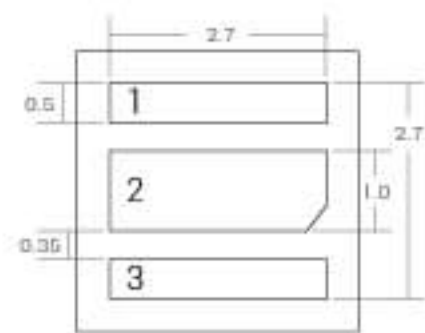
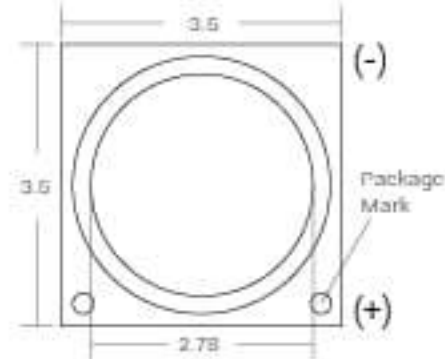
Size(L*W*Hmm): 3.4*3.5*1.47



Part Number	color	λ d(nm)/CCT(K)	lv(mcd) -Min	lv(mcd) -Typ	VF(v)	IF(mA)	2 θ 1/2 °
ISC3535VGBC1MBA2	Red	615-630nm	/	380	3.8-5.5	12	120
	Green	520-535nm	/	950			
	Blue	460-475nm	/	210			
	White	X0.26/Y0.26	1000	1500			

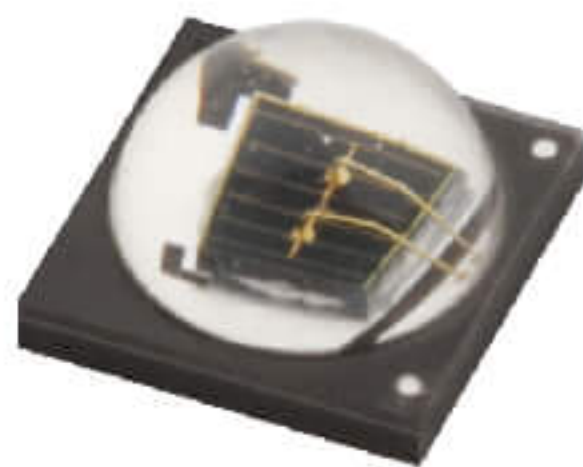


BS Ceramic3535 90D
Size(L*W*Hmm): 3.5*3.5*2.29



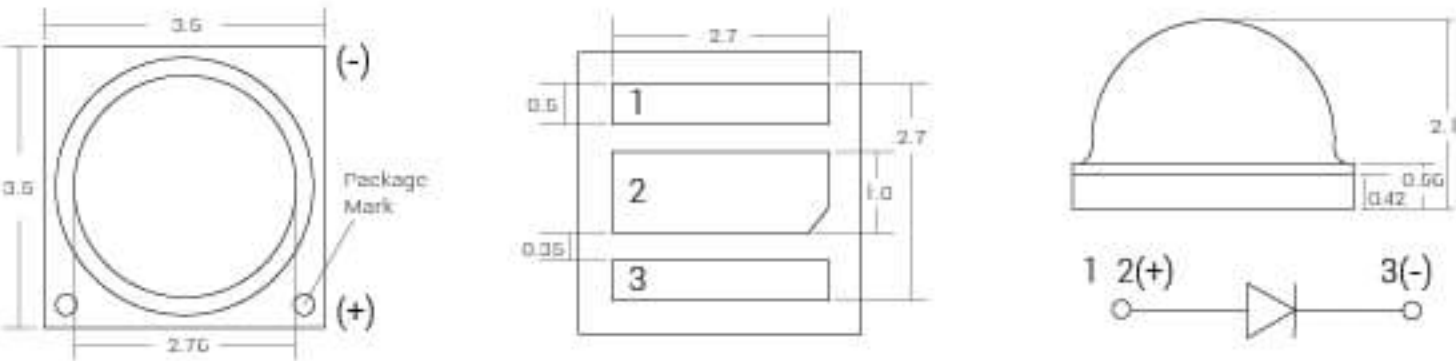
Part Number	color	$\lambda_d(\text{nm})/\text{CCT}(\text{K})$	$\Phi_v(\text{mcd})-\text{Min}$	$\Phi_v(\text{mcd})-\text{Typ}$	$V_f(\text{v})$	$I_f(\text{mA})$	$2\theta_{1/2}^\circ$
1ZBS35CF67AH01Z4	IR	720-750nm	225	250	1.8-2.2	350	90
1ZBS35CF36CH01ZC	IR	840-870nm	600	700	1.8-2.6	1000	90
1ZBS35CF37BH01ZC	IR	840-870nm	600	700	1.6-2.4	1000	90
1ZBS35CF37CH01ZC	IR	840-870nm	700	850	1.6-2.4	1000	90
1ZBS35CF3DCH01ZC	IR	840-870nm	1000	1300	3.0-3.8	1000	90
1ZBS35CF1DCH01ZC	IR	935-965nm	1000	1250	3.0-3.8	1000	90

OTHER APPLICATIONS

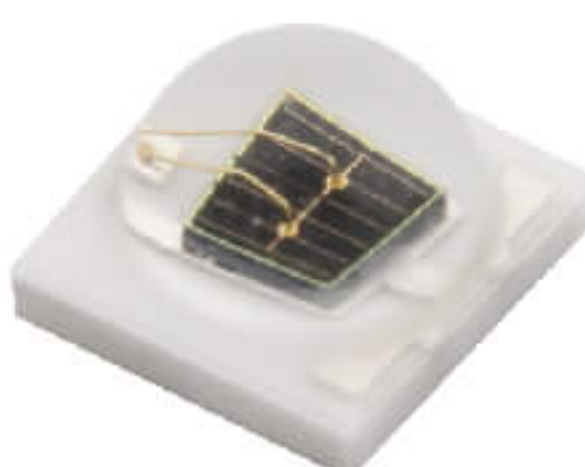


BS Ceramic3535 120D

Size(L*W*Hmm): 3.5*3.5*2.1

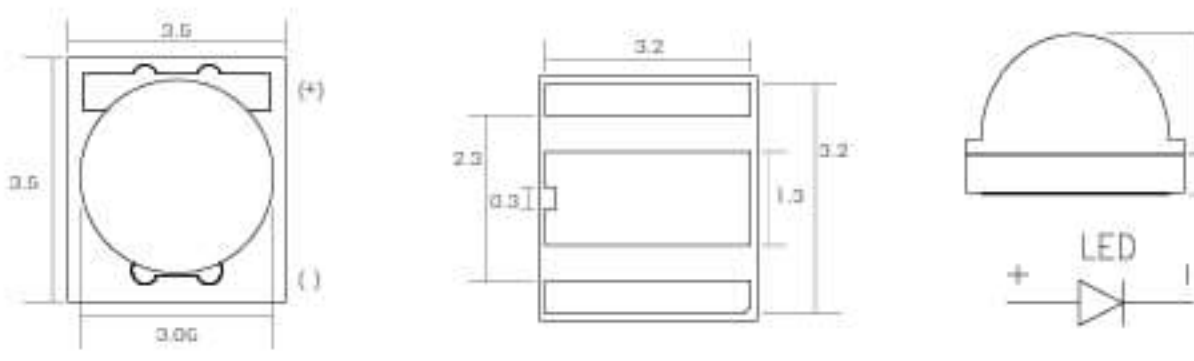


Part Number	color	$\lambda d(nm)/CCT(K)$	$\Phi v(mcd)$ -Min	$\Phi v(mcd)$ -Typ	$V_F(v)$	$I_F(mA)$	$2\theta 1/2^\circ$
1ZBS35AF37CH01ZC	IR	840-870	700	850	1.6-2.4	1000	120
1ZBS35AF37BH01ZC	IR	840-870	600	700	1.6-2.4	1000	120



Ceramic3535 120D

Size(L*W*Hmm): 3.5*3.5*2.22

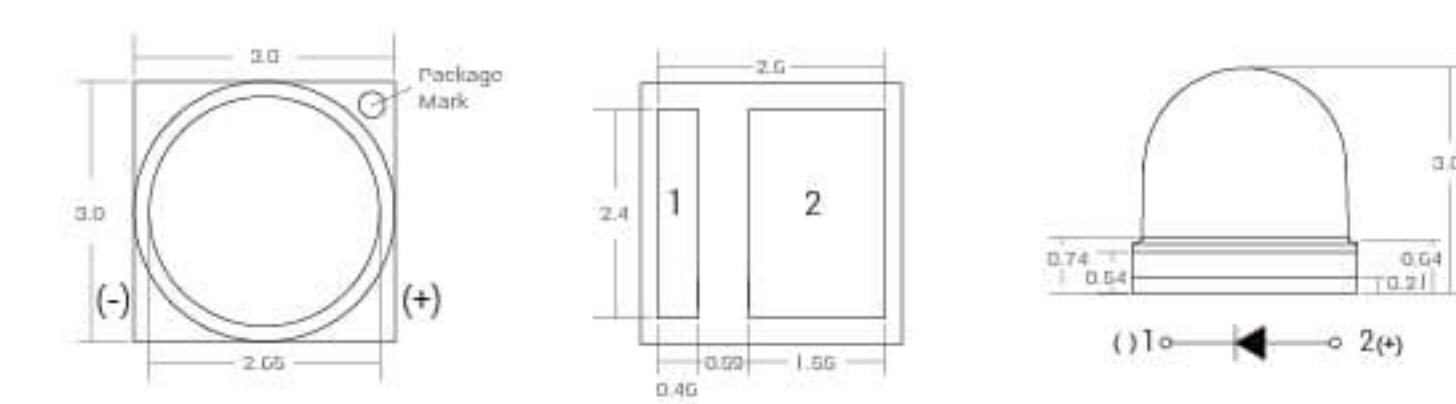


Part Number	color	$\lambda d(nm)/CCT(K)$	$\Phi v(mcd)$ -Min	$\Phi v(mcd)$ -Typ	$V_F(v)$	$I_F(mA)$	$2\theta 1/2^\circ$
1ZHP35AF36CH01Z4	IR	840-870	200	250	1.4-2.0	350	120
1ZHP35AF37BH01Z4	IR	840-870	225	275	1.4-2.0	350	120
1ZHP35AF37CH02Z4	IR	840-870	250	300	1.4-2.0	350	120
1ZHP35AF17CH02Z4	IR	930-950	200	275	1.4-2.0	350	120

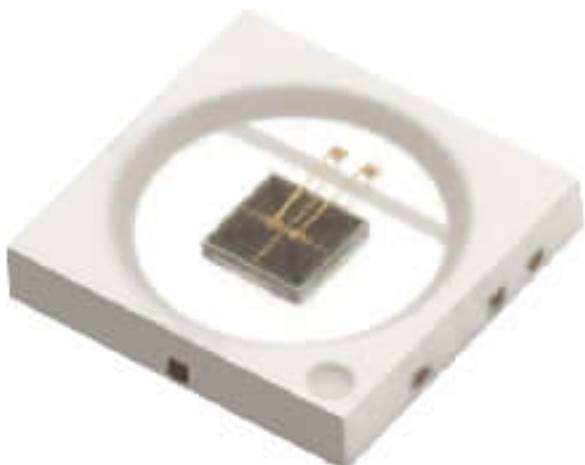


EMC 3030 30D

Size(L*W*Hmm): 3.0*3.0*0.54

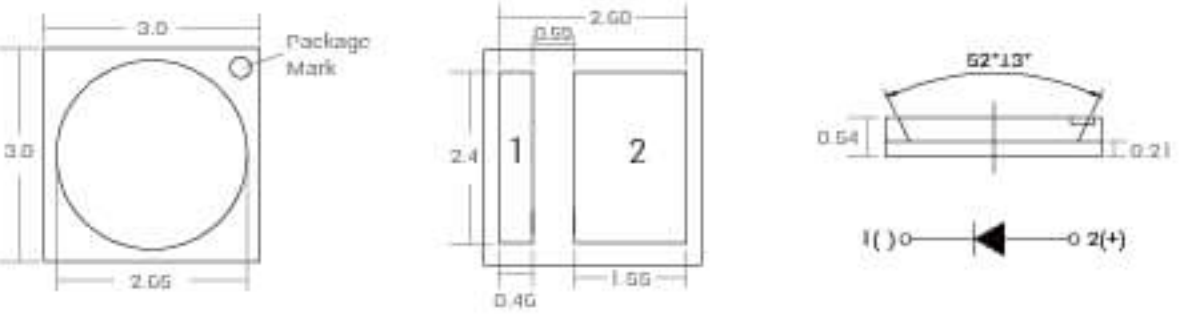


Part Number	color	$\lambda d(nm)/CCT(K)$	$\Phi v(mcd)$ -Min	$\Phi v(mcd)$ -Typ	$V_F(v)$	$I_F(mA)$	$2\theta 1/2^\circ$
1ZSC30DF34AV01Z3	IR	840-870	125	175	1.4-2.0	250	30
1ZSC30DF37BV01Z4	IR	840-870	200	250	1.4-2.0	350	30



EMC 3030 120D

Size(L*W*Hmm): 3.0*3.0*0.54

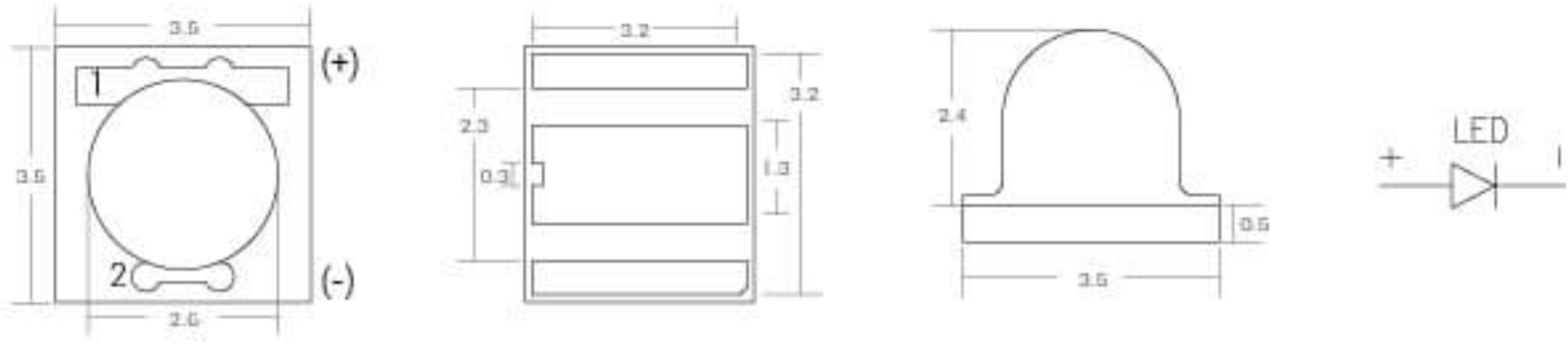


Part Number	color	$\lambda d(nm)/CCT(K)$	$\Phi v(mcd)$ -Min	$\Phi v(mcd)$ -Typ	$V_F(v)$	$I_F(mA)$	$2\theta 1/2^\circ$
1ZSC300F34AV01N3	IR	840-870	125	175	1.4-2.0	250	120
1ZSC300F37BV01N4	IR	840-870	200	250	1.4-2.0	350	120



Ceramic3535 60D

Size(L*W*Hmm): 3.5*3.5*2.9

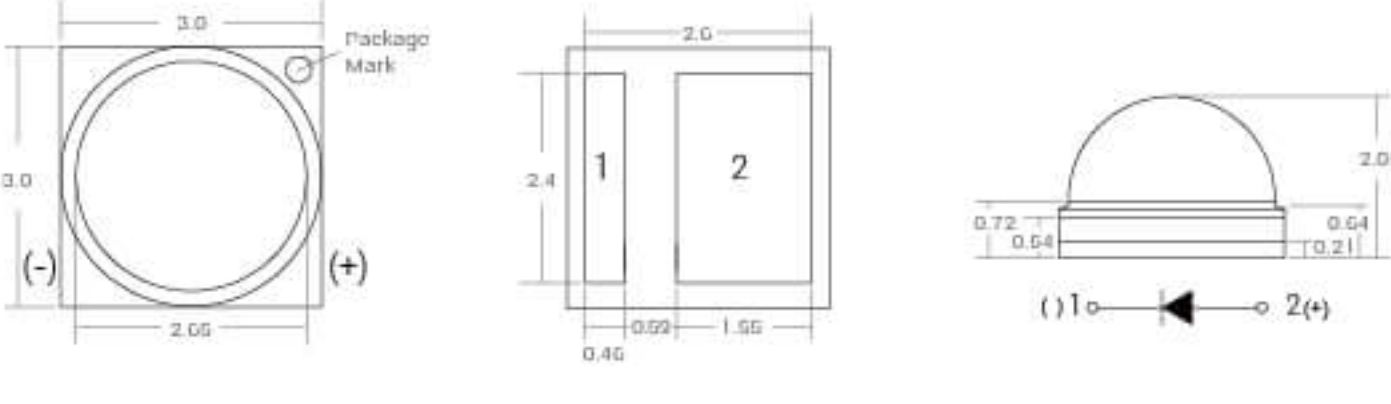


Part Number	color	$\lambda d(nm)/CCT(K)$	$\Phi v(mcd)$ -Min	$\Phi v(mcd)$ -Typ	$V_F(v)$	$I_F(mA)$	$2\theta 1/2^\circ$
1ZHP35BF36CH01Z4	IR	840-870	200	250	1.4-2.0	350	60
1ZHP35BF37BH01Z4	IR	840-870	225	275	1.4-2.0	350	60
1ZHP35BF37CH02Z4	IR	840-870t	250	300	1.4-2.0	350	60



EMC 3030 90D

Size(L*W*Hmm): 3.0*3.0*2.05



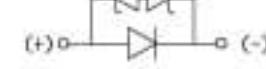
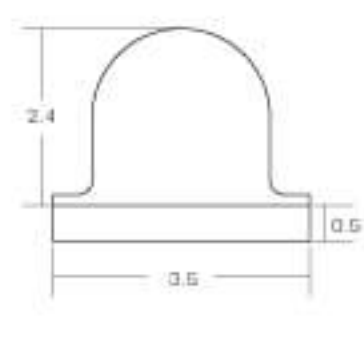
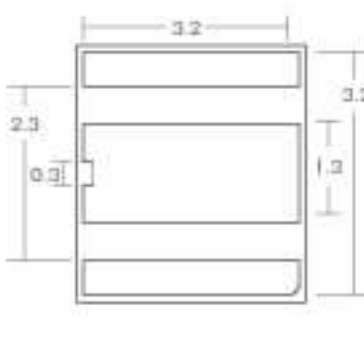
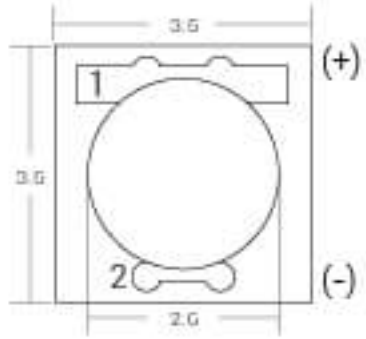
Part Number	color	$\lambda d(nm)/CCT(K)$	$\Phi v(mcd)$ -Min	$\Phi v(mcd)$ -Typ	$V_F(v)$	$I_F(mA)$	$2\theta 1/2^\circ$
1ZSC30CF34AV01Z3	IR	840-870	125	175	1.4-2.0	250	90
1ZSC30CF37BV01Z4	IR	840-870	200	250	1.4-2.0	350	90



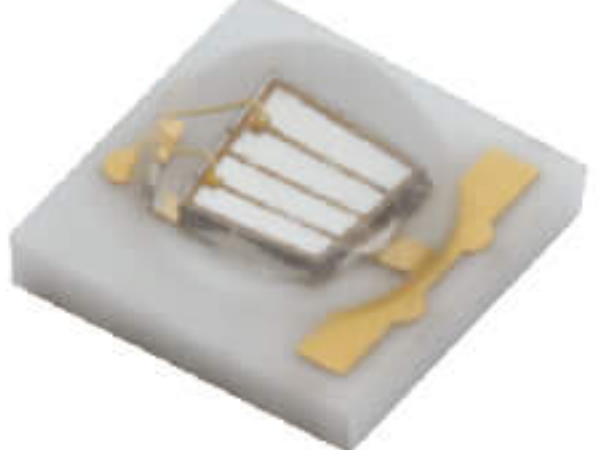


Ceramic 3535 60D

Size(L*W*Hmm): 3.5*3.5*2.9

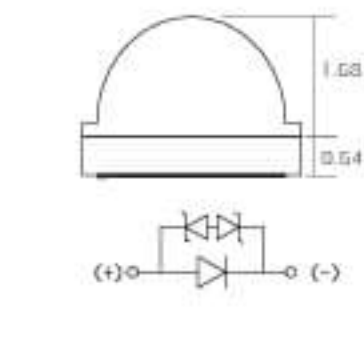
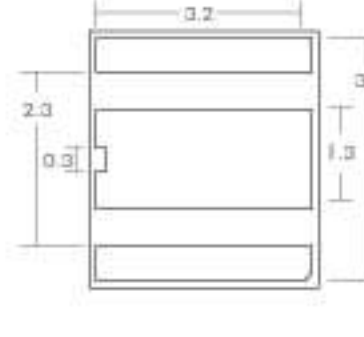
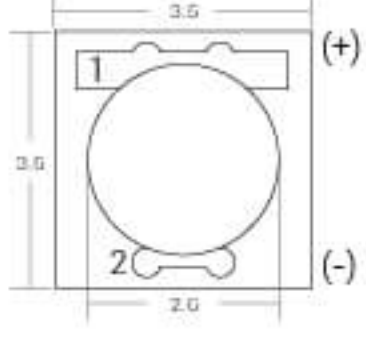


Part Number	color	$\lambda d(nm)/CCT(K)$	$\Phi v(mcd)$ -Min	$\Phi v(mcd)$ -Typ	VF(v)	IF(mA)	2 θ 1/2 °
1ZHP35BQ64BHZ1ZG	UV	365-375nm	500	620	2.8-4.0	500	60
1ZHP35BQ24BHZ3ZG	UV	380-390nm	740	860	2.8-3.8	500	60
1ZHP35BQ34BHZ3ZG	UV	390-400nm	740	860	2.8-3.8	500	60
1ZHP35BQ44BHZ3ZG	UV	400-410nm	740	860	2.8-3.8	500	60



Ceramic 3535 120D

Size(L*W*Hmm): 3.5*3.5*2.0

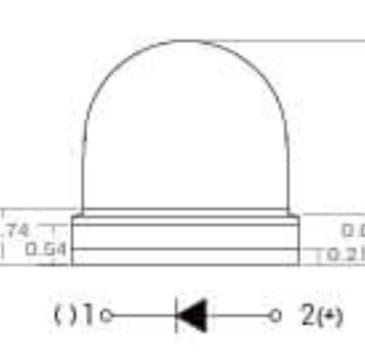
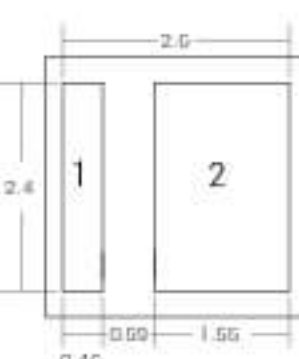
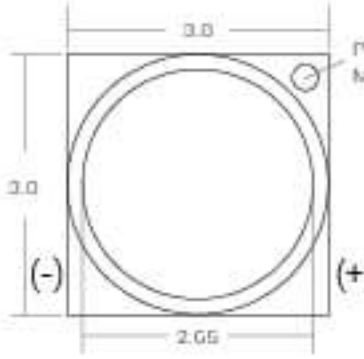


Part Number	color	$\lambda d(nm)/CCT(K)$	$\Phi v(mcd)$ -Min	$\Phi v(mcd)$ -Typ	VF(v)	IF(mA)	2 θ 1/2 °
1ZHP35AQ64BHZ1ZG	UV	365-375	500	620	2.8-4.0		120



EMC 3030 30D

Size(L*W*Hmm): 3.0*3.0*3.0



Part Number	color	$\lambda d(nm)/CCT(K)$	$\Phi v(mcd)$ -Min	$\Phi v(mcd)$ -Typ	VF(v)	IF(mA)	2 θ 1/2 °
1ZSC30DQ24BVZ1ZG	UV	380-390	620	780	2.8-4.0	500	30
1ZSC30DQ34BVZ1ZG	UV	390-400	620	780	2.8-4.0	500	30
1ZSC30DQ44BVZ1ZG	UV	400-410	620	780	2.8-4.0	500	30