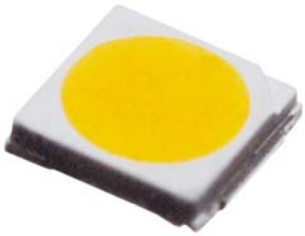
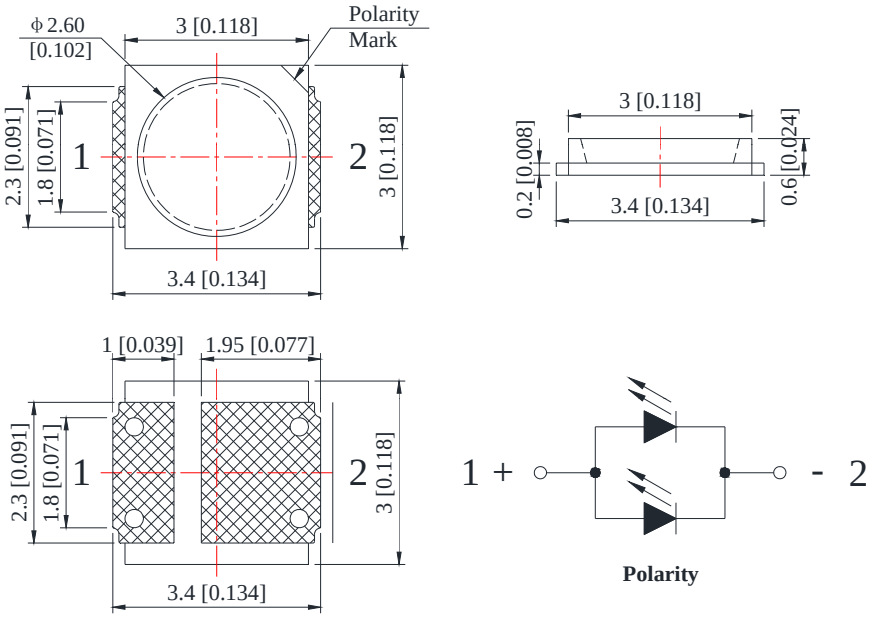
INDEX

Lighting LED

Part Number	Chip Material	Emitting Color	λp (nm) / x	λd (nm) / y	Lens Color	VF (V)		ΦV (lm)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2θ ½

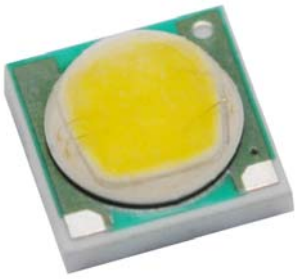
EMC Top View 1W High Power LED

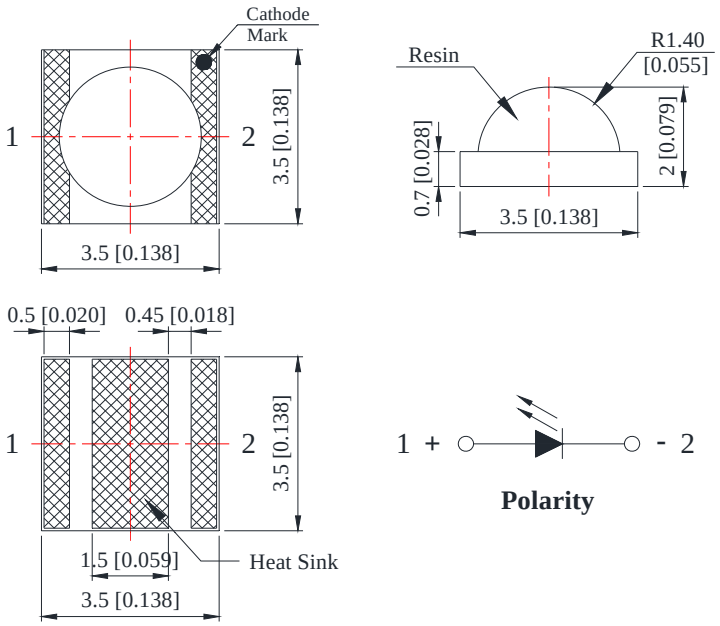




R3030EW-W2H-Q100-RA80	InGaN	Cool White	x=0.31	y=0.32	Yellow Diffused	3.20	3.80	350	100	120	120
R3030EW-W5H-Q100-RA80	InGaN	Neutral White	x=0.35	y=0.36		3.20	3.80		100	120	
R3030EW-W6H-Q100-RA80	InGaN	Warm White	x=0.43	y=0.40		3.20	3.80		100	120	

1W, 3W High Power LED

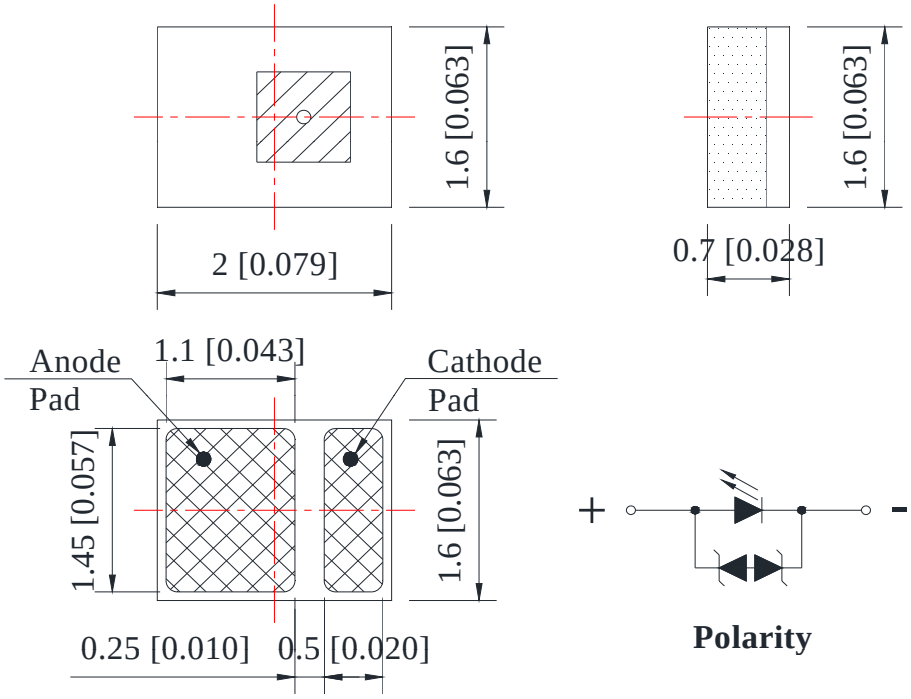




C3535W-W2H-Q100	InGaN	Cool White	x=0.31	y=0.32	Yellow Diffused	3.20	3.80	350	100	130	120
								700	200	230	
C3535W-W5H-Q100	InGaN	Neutral White	x=0.37	y=0.37		3.20	3.80	350	100	125	
								700	200	220	
C3535W-W6H-Q100	InGaN	Warm White	x=0.43	y=0.40		3.20	3.80	350	100	120	
								700	200	220	

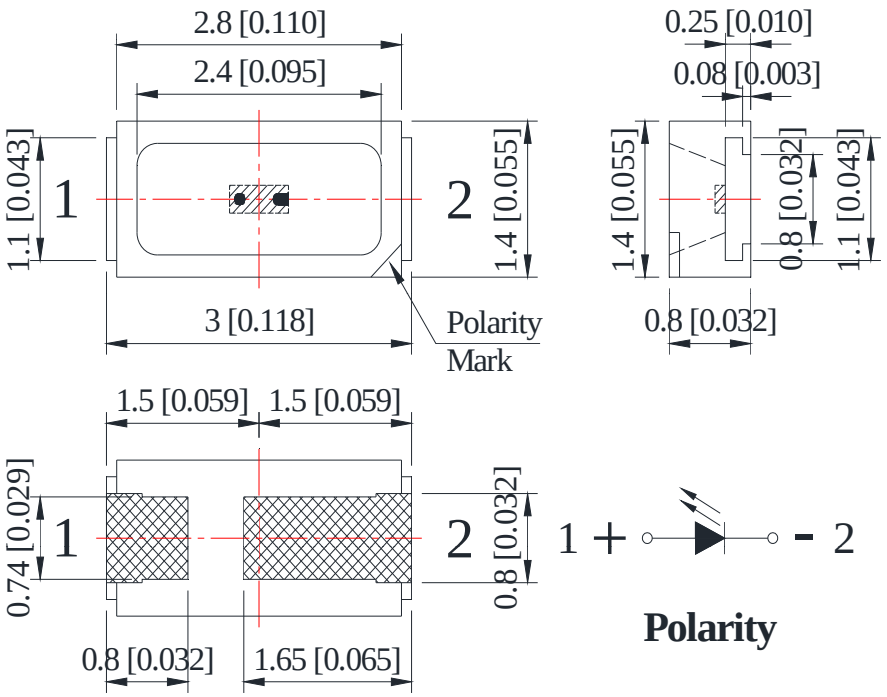
Part Number	Chip Material	Emitting Color	λp (nm) / x	λd (nm) / y	Lens Color	VF (V)		ΦV (lm)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2θ ½

4W High Power Flash LED



R2016SW-W2H-Q220-D	InGaN	Pure White	x=0.31	y=0.32	Yellow Diffused	3.40	3.80	1000	220	240	120

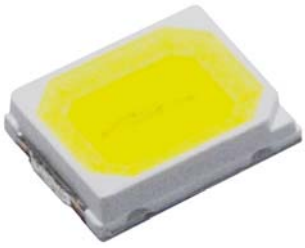
PLCC-2 Top View 0.2W Mid-power LED

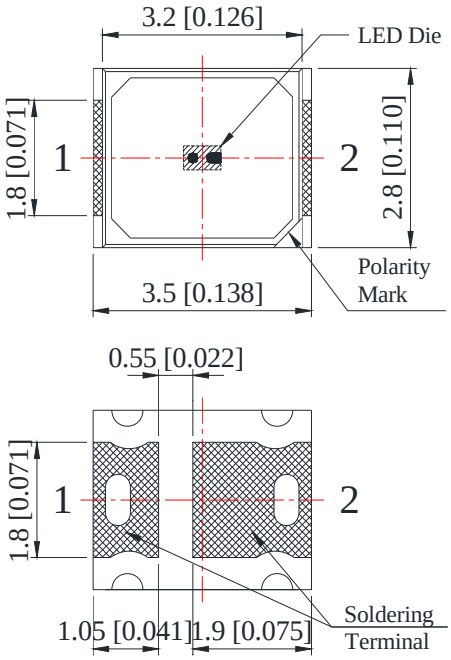


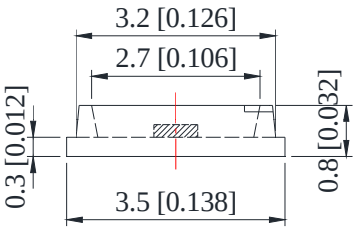
R3014W-W2M-Q10	InGaN	Cool White	x=0.31	y=0.32	Yellow Diffused	3.20	3.60	30	10.00	12.50	120
R3014W-W5M-Q10	InGaN	Neutral White	x=0.35	y=0.36		3.20	3.60		10.00	12.00	
R3014W-W6M-Q10	InGaN	Warm White	x=0.43	y=0.40		3.20	3.60		10.00	12.00	

Part Number	Chip Material	Emitting Color	λp (nm) / x	λd (nm) / y	Lens Color	VF (V)		ΦV (lm)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2θ ½

3.50mm×2.80mm×0.80mm PLCC-2 Top View 0.2W Mid-power LED



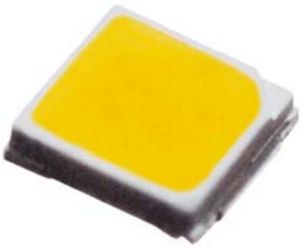


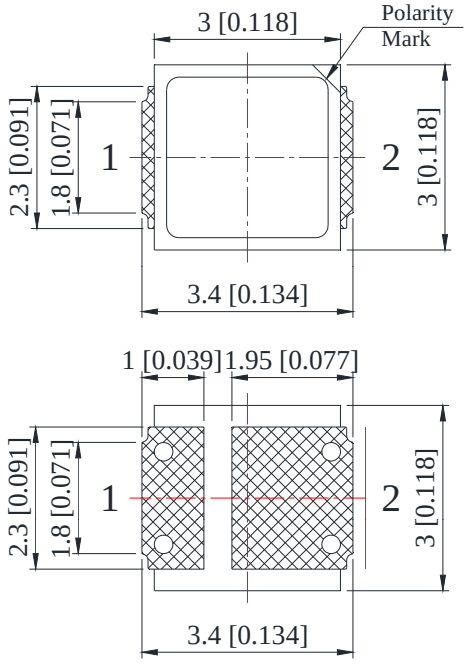


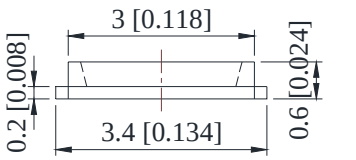
Polarity

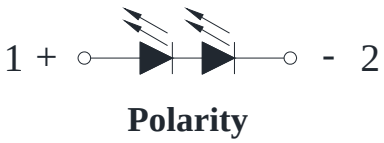
R2835W-W2M-Q20	InGaN	Cool White	x=0.32	y=0.33	Yellow Diffused	3.20	3.60	60	20	24	120
R2835W-W5M-Q20	InGaN	Neutral White	x=0.37	y=0.37		3.20	3.60		20	24	
R2835W-W6M-Q20	InGaN	Warm White	x=0.43	y=0.40		3.20	3.60		20	23	

EMC Top View 0.5W Mid-power LED









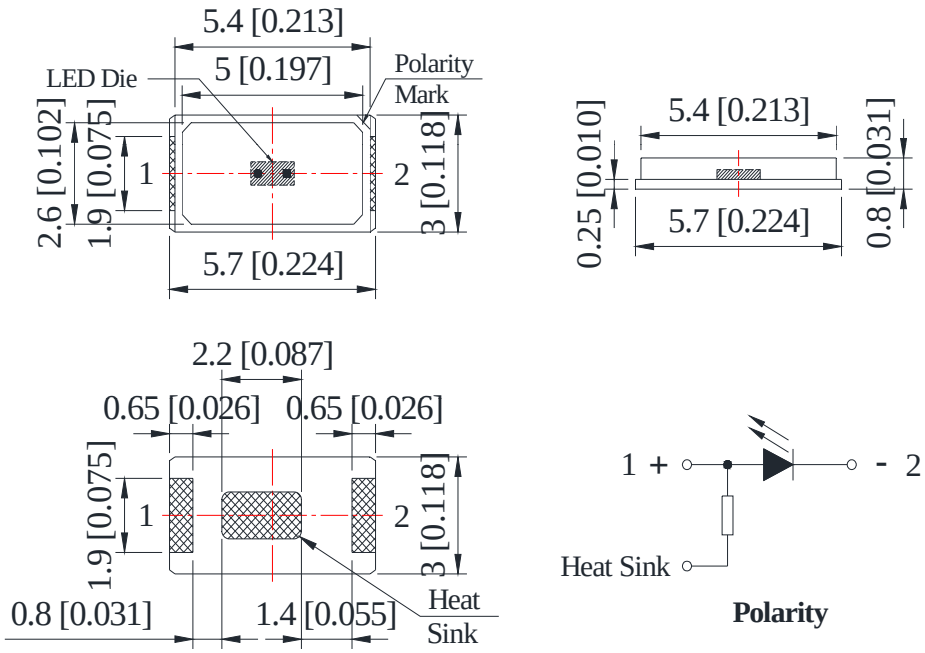
Polarity

R3030EW-W2H-Q100-6V-F	InGaN	Cool White	x=0.31	y=0.32	Yellow Diffused	6.00	6.80	150	100	120	120
R3030EW-W5H-Q100-6V-F	InGaN	Neutral White	x=0.35	y=0.36		6.00	6.80		100	120	
R3030EW-W6H-Q100-6V-F	InGaN	Warm White	x=0.43	y=0.40		6.00	6.80		100	120	

Luckylight

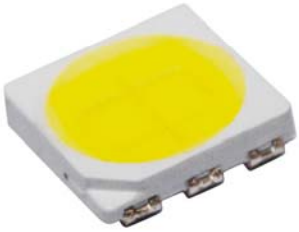
Part Number	Chip Material	Emitting Color	λp (nm) / x	λd (nm) / y	Lens Color	VF (V)		ΦV (lm)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2θ ½

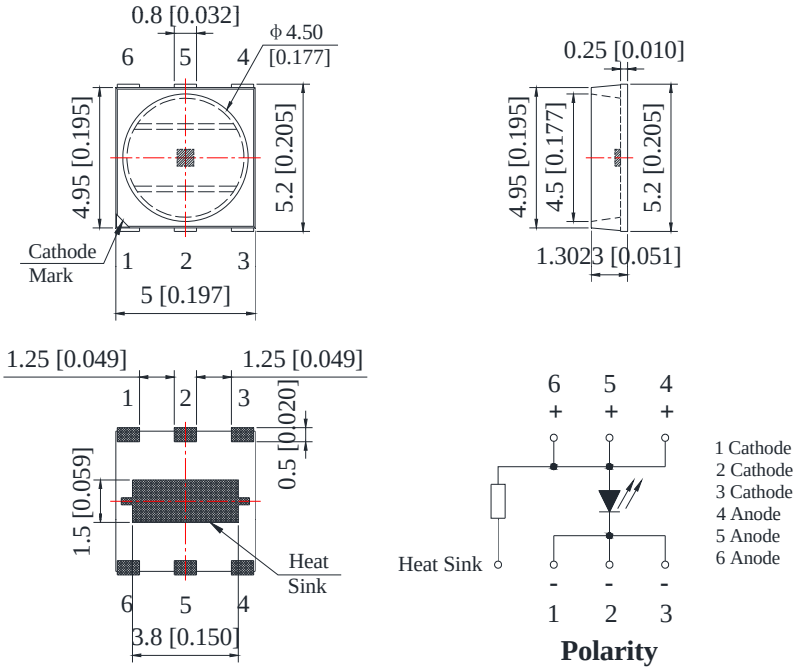
PLCC-2 Top View 0.5W Mid-power LED



R5730W-W2H-Q50	InGaN	Cool White	x=0.31	y=0.32	Yellow Diffused	3.20	3.60	150	50	60	120
R5730W-W5H-Q50	InGaN	Neutral White	x=0.37	y=0.37		3.20	3.60		50	60	
R5730W-W6H-Q50	InGaN	Warm White	x=0.43	y=0.40		3.20	3.60		50	60	

PLCC-6 Top View 0.5W Mid-power LED

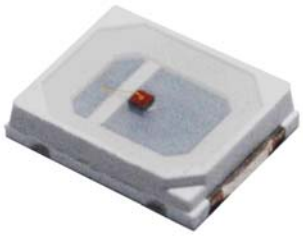


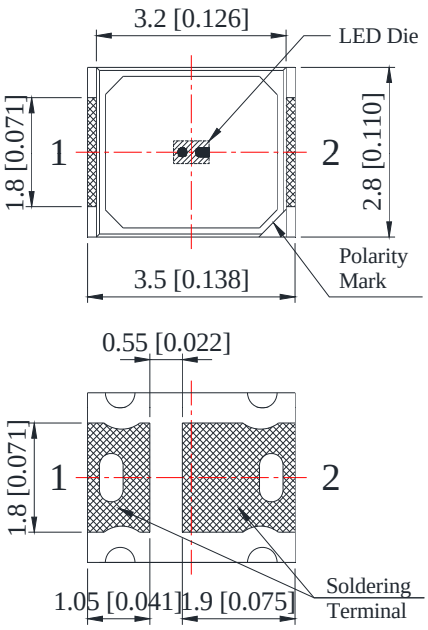


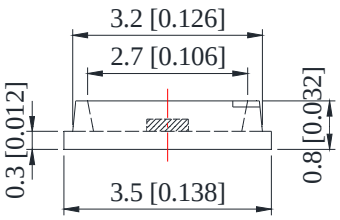
R5050W-W2H-Q50	InGaN	Cool White	x=0.31	y=0.32	Yellow Diffused	3.20	3.60	150	50	60	120
R5050W-W5H-Q50	InGaN	Neutral White	x=0.37	y=0.37		3.20	3.60		50	60	
R5050W-W6H-Q45	InGaN	Warm White	x=0.43	y=0.40		3.20	3.60		45	60	

Part Number	Chip Material	Emitting Color	λp (nm) / x	λd (nm) / y	Lens Color	VF (V)		ΦV (lm)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2θ ½

3.50mm×2.80mm×0.80mm PLCC-2 Top View 0.2W Mid-power LED

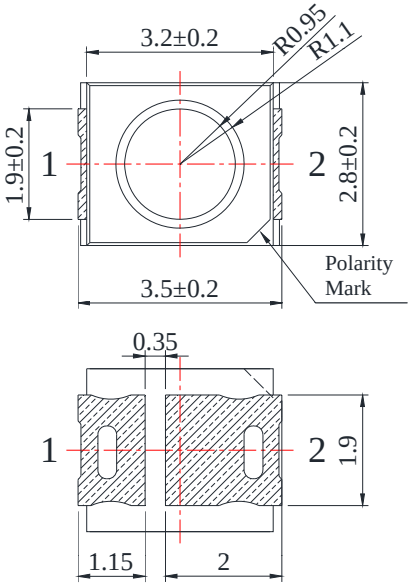


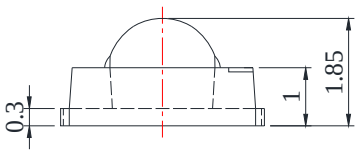


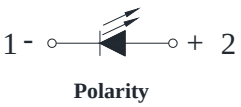


R2835FRC-02W	GaP	Far Red	730	/	Water Clear	2.10	2.40	60	10mW	30mW	120
R2835RC-4C	GaP	Plant Red	670	660		2.10	2.40		35mW	55mW	
R2835BC-B2M-M10	InGaN	Blue	450	455		3.20	3.60		1000	1500	
R2835UVC-Q8M	InGaN	UV	415	440		3.20	3.60		50	100	

3.50mm×2.80mm×1.85mm PLCC-2 Top View 0.2W Mid-power LED





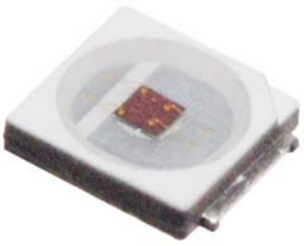


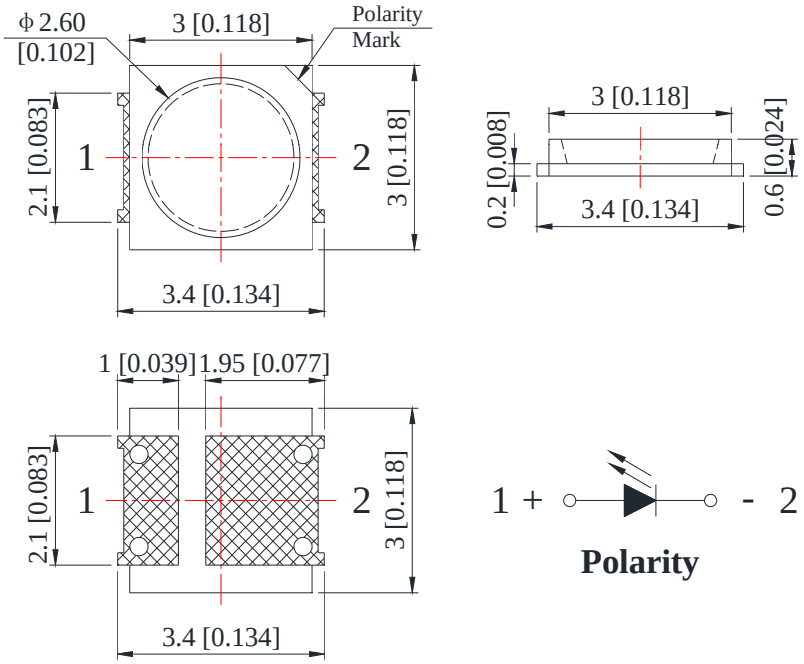
RT2835VC-S5	AlGaInP	Deep Red	660	640	Water Clear	2.10	2.40	60	1500	2000	60
									5 lm	8 lm	
RT2835YC-S5	AlGaInP	Super Bright Yellow	592	590		2.10	2.40		1500	2000	
									5 lm	8 lm	
RT2835PGC-G5-S15	InGaN	Pure Green	520	525		3.20	3.60		4500	5500	
									15 lm	18 lm	
RT2835BC-B4-S3	InGaN	Blue	462	465		3.20	3.60		1000	1500	
									3 lm	5 lm	

Luckylight

Part Number	Chip Material	Emitting Color	λp (nm) / x	λd (nm) / y	Lens Color	VF (V)		ΦV (lm)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2θ ½

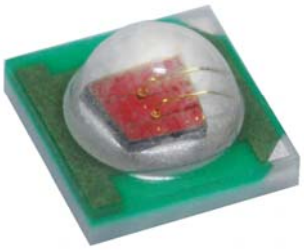
EMC Top View 1W High Power LED

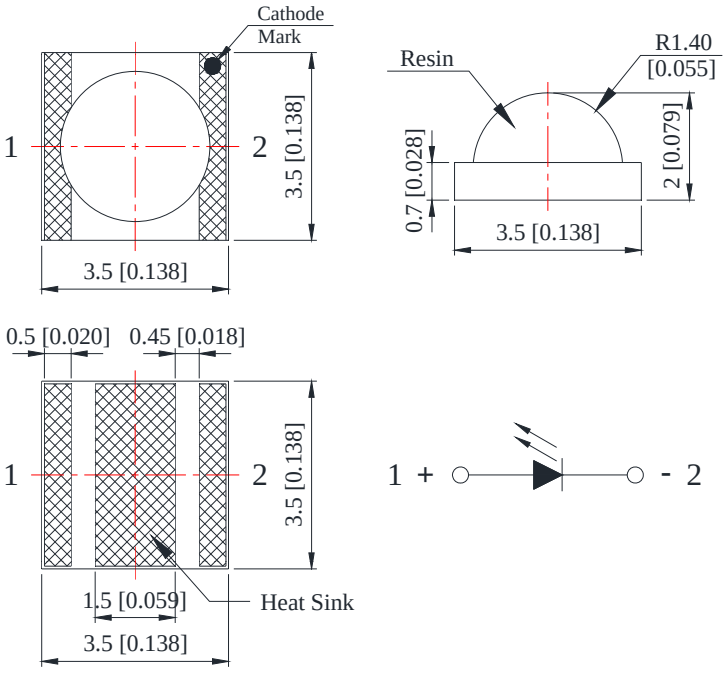




R3030ERC-1W	AlGaInP	Deep Red	660	640	Water Clear	2.10	2.40	350	10	15	120
R3030EBC-B2H-1W	InGaN	Blue	450	455		3.20	3.80		15	20	

1W High Power LED

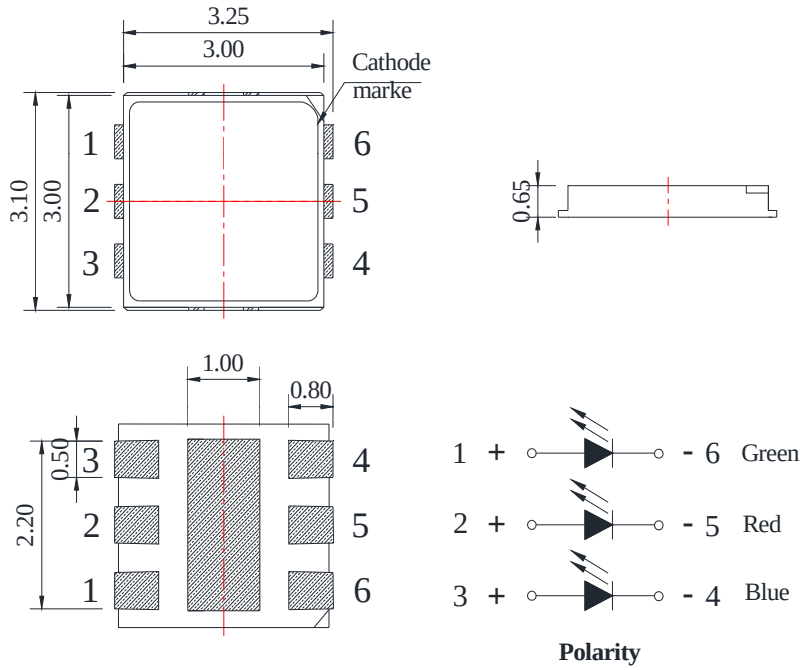




C3535VC-H40	AlGaInP	Super Bright Red	632	624	Water Clear	2.20	2.60	350	40	50	120
C3535YC-H40	AlGaInP	Super Bright Yellow	592	590		2.20	2.60		40	50	
C3535PGC-G5H-Q65	InGaN	Pure Green	520	525		3.20	3.60		65	85	
C3535BC-B4H-Q15	InGaN	Blue	468	470		3.20	3.60		15	25	
C3535UVC-Q5	InGaN	UV	395	425		3.40	3.80		335	500	

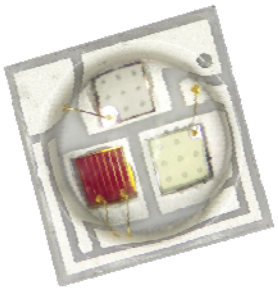
Part Number	Chip Material	Emitting Color	λp (nm) / x	λd (nm) / y	Lens Color	VF (V)		ΦV (lm)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2θ ½

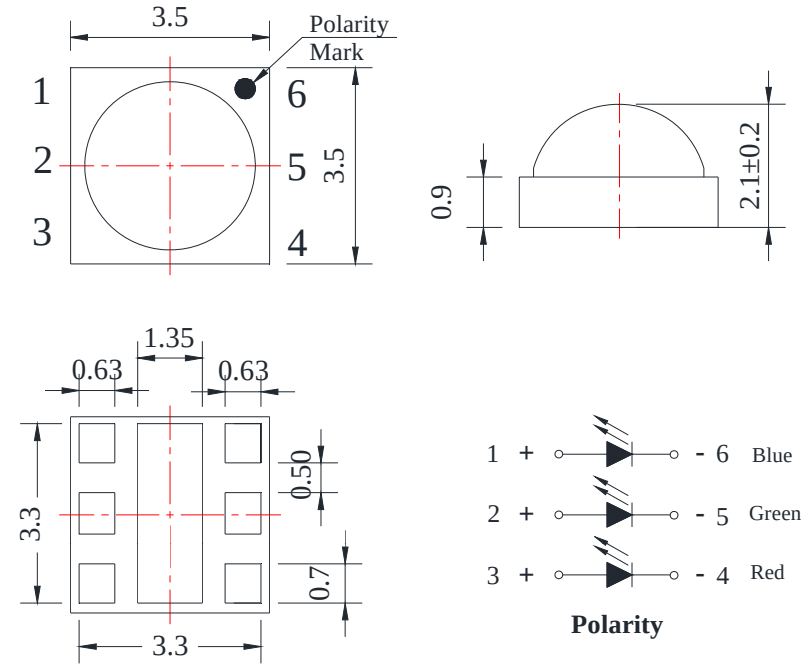
3.00mm×3.00mm×0.65mm PLCC-6 Top View 1.5W Mid-power Multi-color LED



R3030ERGBC-001-1D5W	AlGaInP	Super Bright Red	632	624	Water Clear	2.15	2.40	150	13	15	120
	InGaN	Pure Green	520	525		3.20	3.80		30	35	
	InGaN	Blue	462	457		3.20	3.80		7	9	

3.50mm×3.50mm×2.10mm Ceramic Top View 1W High Power Multi-color LED



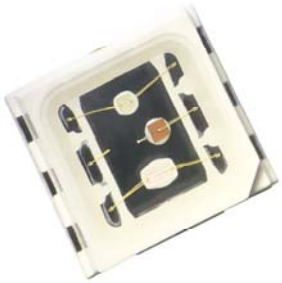


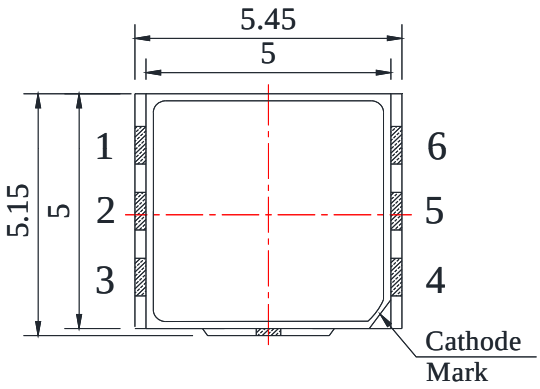
C3535RGBC-002	AlGaInP	Super Bright Red	632	624	Water Clear	2.00	2.60	350	30	40	140
	InGaN	Pure Green	520	525		3.20	3.60		50	75	
	InGaN	Blue	462	457		3.20	3.60		20	25	

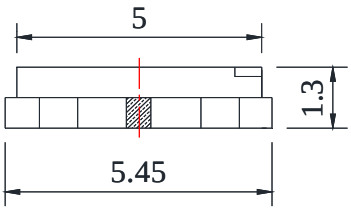
Luckylight

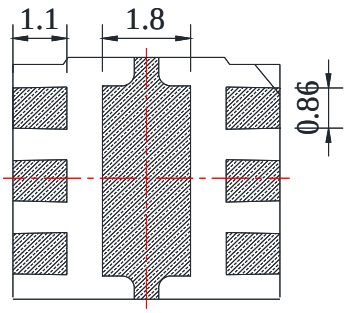
Part Number	Chip Material	Emitting Color	λp (nm) / x	λd (nm) / y	Lens Color	VF (V)		ΦV (lm)			Viewing Angle
						Typ.	Max.	IF=mA	Min.	Typ.	2θ ½

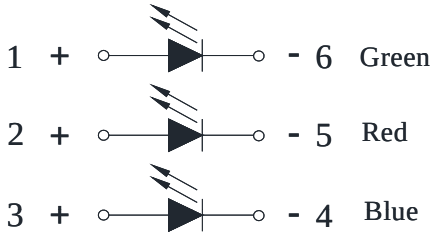
5.40mm×5.00mm×1.30mm PLCC-6 Top View 3×0.5W Mid-power Multi-color LED











Polarity

R5054RGBC-001-1D5W	AlGaInP	Super Bright Red	632	624	Water Clear	2.15	2.40	150	10	15	120
	InGaN	Pure Green	520	525		3.20	3.80		20	30	
	InGaN	Blue	462	457		3.20	3.80		5	8	

1. All dimensions are in millimeters (inches).
2. Tolerance is ±0.10mm (.004") unless otherwise noted.
3. Specifications are subject to change without notice.