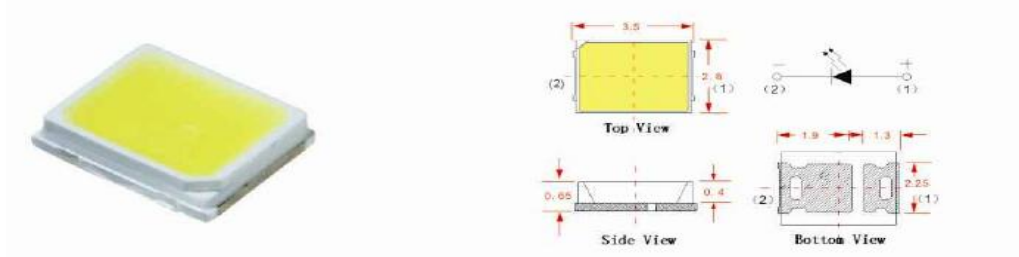
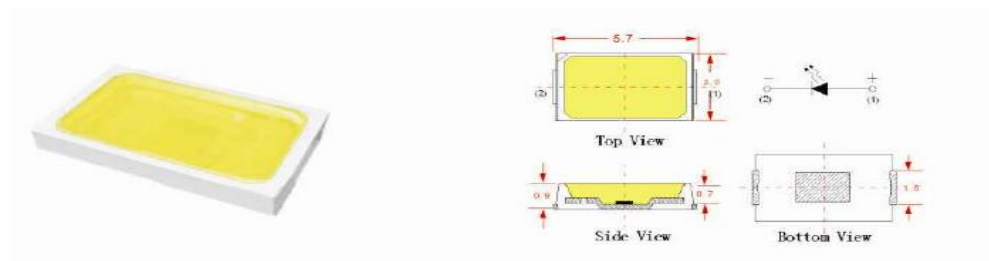


SMD2835 Series



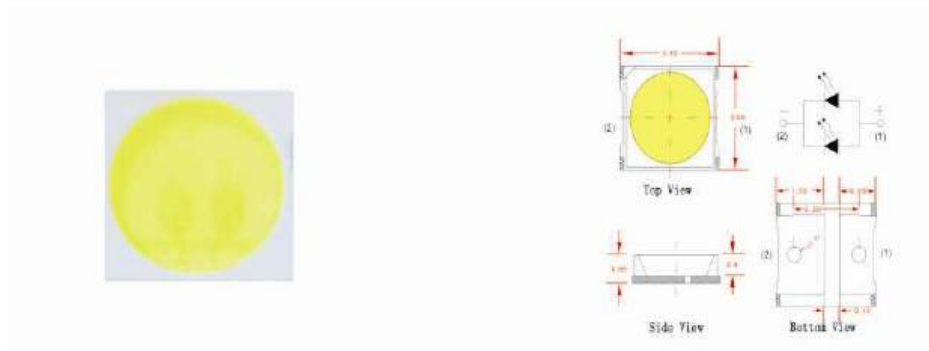
Part No.	Model	Power(W)	Size(mm)	CCT(K)	Luminous(LM)	Current(mA)	Voltage(V)	CRI(Ra)
KB-SMD2835-0.2WB	2835	0.2W	2.8*3.5*0.8	2700K-6500K	24-26LM	60mA	3.0-3.2V	>80Ra
KB-SMD2835-0.2WC	2835	0.2W	2.8*3.5*0.8	2700K-6500K	26-28LM	60mA	3.0-3.2V	>80Ra
KB-SMD2835-0.5WA	2835	0.5W	2.8*3.5*0.8	2700K-6500K	55-60LM	150mA	3.0-3.2V	>80Ra
KB-SMD2835-0.5WB	2835	0.5W	2.8*3.5*0.8	2700K-6500K	60-65LM	150mA	3.0-3.2V	>80Ra
KB-SMD2835-0.5WC	2835	0.5W	2.8*3.5*0.8	2700K-6500K	65-70LM	150mA	3.0-3.2V	>80Ra
KB-SMD2835-0.5HVA	2835	0.5W	2.8*3.5*0.8	2700K-6500K	65-70LM	60mA	9.0-9.2V	>80Ra
KB-SMD2835-0.5HVB	2835	0.5W	2.8*3.5*0.8	2700K-6500K	65-70LM	30mA	18.0-18.2V	>80Ra
KB-SMD2835-1WB	2835	1W	2.8*3.5*0.8	2700K-6500K	120-130LM	350mA	3.0-3.2V	>80Ra
KB-SMD2835-1HVA	2835	1W	2.8*3.5*0.8	2700K-6500K	120-130LM	100mA	9.0-9.2V	>80Ra
KB-SMD2835-1HVB	2835	1W	2.8*3.5*0.8	2700K-6500K	120-130LM	60mA	18.0-18.2V	>80Ra

SMD5730 Series



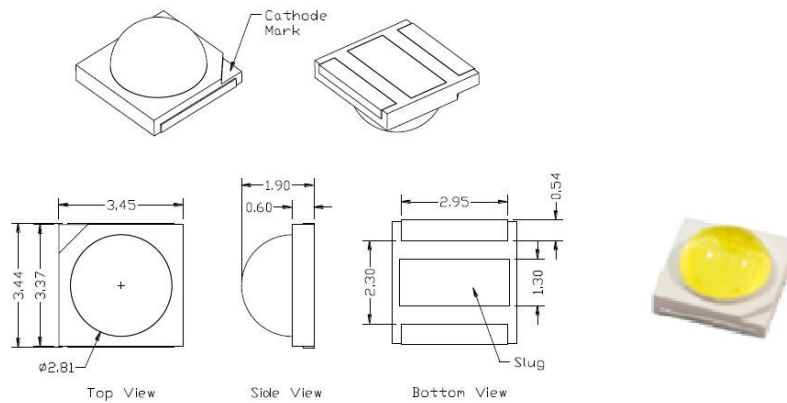
Part No.	Model	Power(W)	Size(mm)	CCT(K)	Luminous(LM)	Current(mA)	Voltage(V)	CRI(Ra)
KB-SMD5730-0.5WB	5730	0.5W	5.7*3.0*0.9	3000K 4000K 6000K	60-65LM	150mA	3.0-3.2V	>80Ra
KB-SMD5730-0.5WC	5730	0.5W	5.7*3.0*0.9	3000K 4000K 6000K	65-70LM	150mA	3.0-3.2V	>80Ra
KB-SMD5630-0.5WA	5630 +Zener	0.5W	5.6*3.0*0.9	3000K 4000K 6000K	70-75LM	150mA	3.0-3.2V	>80Ra

SMD3030 Series



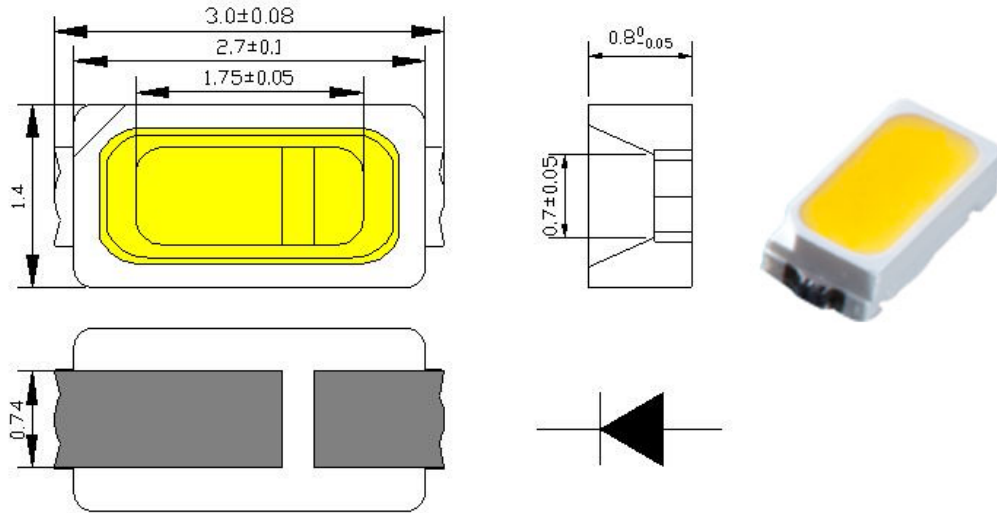
Part No.	Model	Power(W)	Size(mm)	CCT(K)	Luminous(LM)	Current(mA)	Voltage(V)	CRI(Ra)
KB-SMD3030-1WAH	3030	1W	3.0*3.0*0.52	3000K 4000K 6000K	170-180LM	350mA	3.0-3.2V	>80Ra
KB-SMD3030-1WA	3030	1W	3.0*3.0*0.52	3000K 4000K 6000K	120-130LM	150mA	6.0-6.2V	>80Ra
KB-SMD3030-1WB	3030	1W	3.0*3.0*0.52	3000K 4000K 6000K	110-120LM	150mA	6.0-6.2V	>80Ra
KB-SMD3030-1WC	3030	1W	3.0*3.0*0.52	3000K 4000K 6000K	110-120LM	100mA	9.0-9.2V	>80Ra

SMD3535 Series



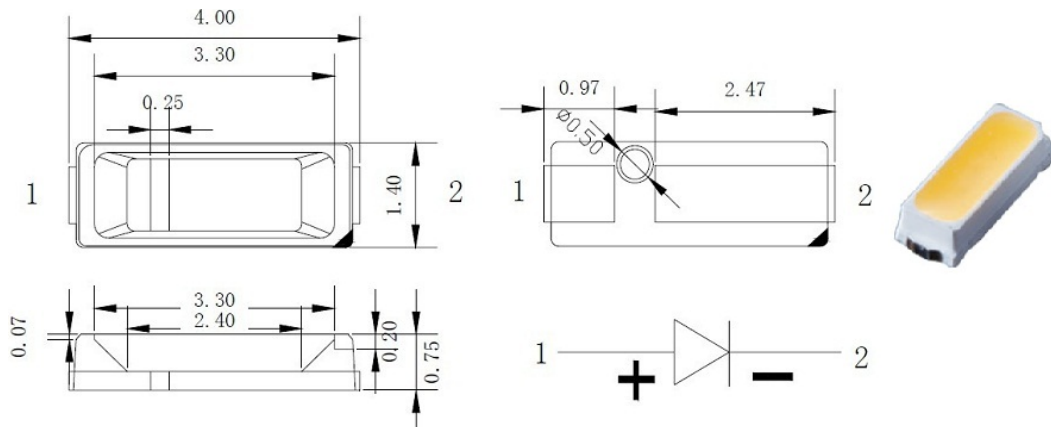
Part No.	Model	Power(W)	Size(mm)	CCT(K)	Luminous(LM)	Current(mA)	Voltage(V)	CRI(Ra)
KB-SMD3535-15WA	3535-LG	1-5W	3.5*3.5*1.9	3000K 4000K 6000K	158-400LM	350-1500mA	3.0-3.2V	>70Ra
KB-SMD3535-13WA	3535	1-3W	3.5*3.5*1.9	3000K 4000K 6000K	145-300LM	350-1000mA	3.0-3.2V	>70Ra

SMD3014 Series



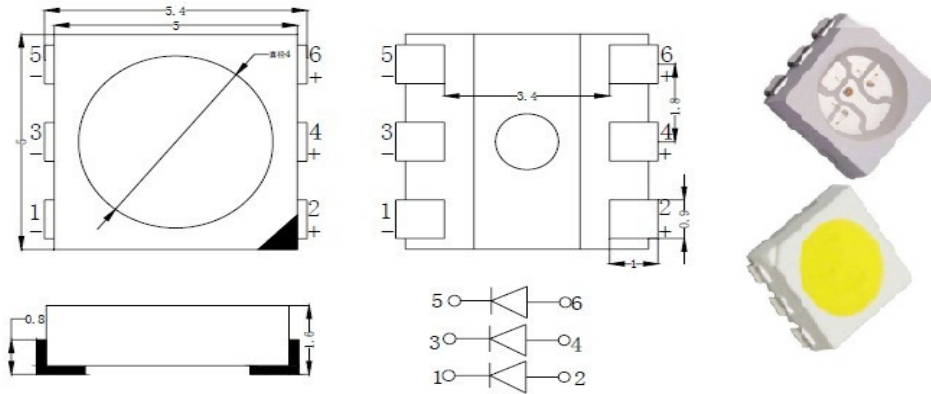
Part No.	Model	Power(W)	Size(mm)	CCT(K)	Luminous(LM)	Current(mA)	Voltage(V)	CRI(Ra)
KB-SMD3014-0.1WA	3014	0.1W	3.0*1.4*0.8	3000K 4000K 6000K	10-12LM	30mA	3.0-3.2V	>80Ra
KB-SMD3014-0.1WB	3014	0.1W	3.0*1.4*0.8	3000K 4000K 6000K	12-14LM	30mA	3.0-3.2V	>80Ra

SMD4014 Series



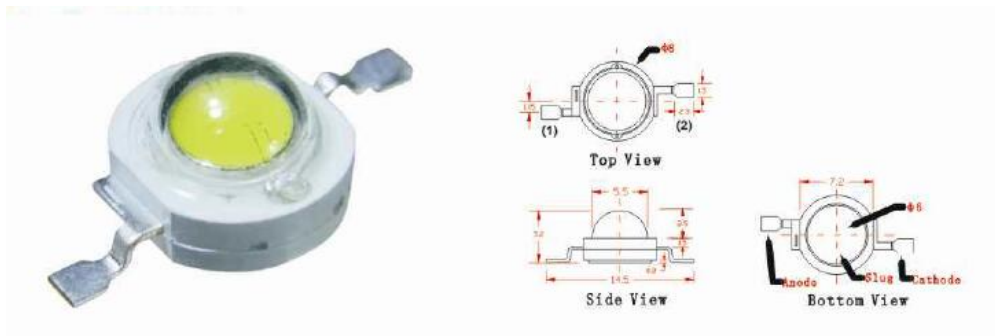
Part No.	Model	Power(W)	Size(mm)	CCT(K)	Luminous(LM)	Current(mA)	Voltage(V)	CRI(Ra)
KB-SMD4014-0.2WA	4014	0.2W	4.0*1.4*0.75	3000K 4000K 6000K	12-14LM	60mA	3.0-3.2V	>80Ra
KB-SMD4014-0.1WB	4014	0.2W	4.0*1.4*0.75	3000K 4000K 6000K	22-24LM	60mA	3.0-3.2V	>80Ra

SMD5050 and 5050 RGB



Part No.	Model	Power(W)	Size(mm)	CCT(K)	Luminous(LM)	Current(mA)	Voltage(V)	CRI(Ra)
KB-SMD5050-RGB	5050-RGB	0.2W	5.0*5.0*1.6	RGB	/	60mA	3.0-3.2V	/
KB-SMD5050-0.2WA	5050	0.2W	5.0*5.0*1.6	3000K 4000K 6000K	21-23LM	60mA	3.0-3.2V	>70Ra
KB-SMD5050-0.2WB	5050	0.2W	5.0*5.0*1.6	3000K 4000K 6000K	23-25LM	60mA	3.0-3.2V	>70Ra

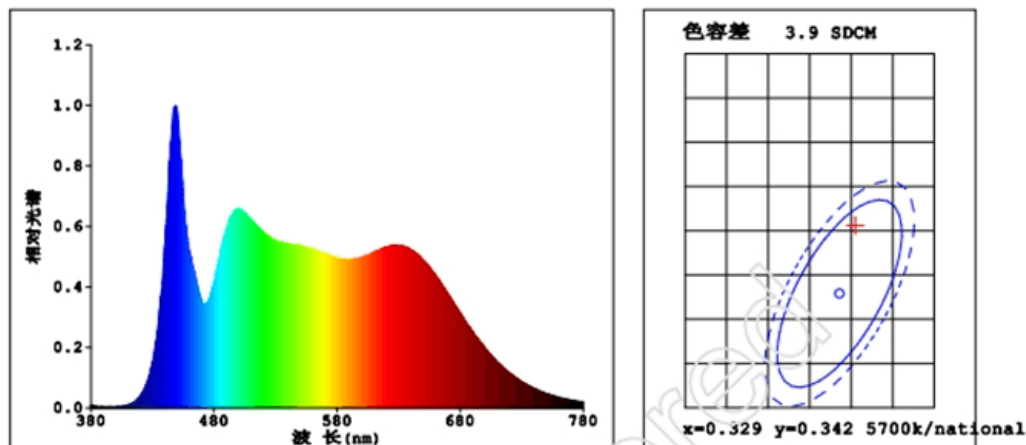
High Power Series



Part No.	Model	Power(W)	Size(mm)	CCT(K)	Luminous(LM)	Current(mA)	Voltage(V)	CRI(Ra)
KB-HPLED-13WA	High power	1-3W	/	3000K 4000K 6000K	130-140LM	350mA	3.0-3.2V	>70Ra
KB-HPLED-1WB	High power	1W	/	3000K 4000K 6000K	120-130LM	350mA	3.0-3.2V	>70Ra
KB-HPLED-1WC	High power	1W	/	3000K 4000K 6000K	110-120LM	350mA	3.0-3.2V	>70Ra

SMD2835 Full Spectrums LED

光源光谱测试报告



颜色参数:

色品坐标: $x=0.3306$ $y=0.3495$ / $u'=0.2024$ $v'=0.4815$ $duv=5.064e-003$
 相关色温: $T_c=5579K$ 主波长: $\lambda_d=545.2nm$ 色纯度: $Purity=4.1\%$
 色比: $R=18.1\%$ $G=75.9\%$ $B=6.0\%$ 峰值波长: $\lambda_p=448.7nm$ 半宽度: $\Delta\lambda_d=21.7nm$
 显色指数: $Ra=97.9$

$R1=98$ $R2=99$ $R3=99$ $R4=96$ $R5=98$ $R6=98$ $R7=99$
 $R8=98$ $R9=95$ $R10=95$ $R11=93$ $R12=89$ $R13=98$ $R14=99$ $R15=98$

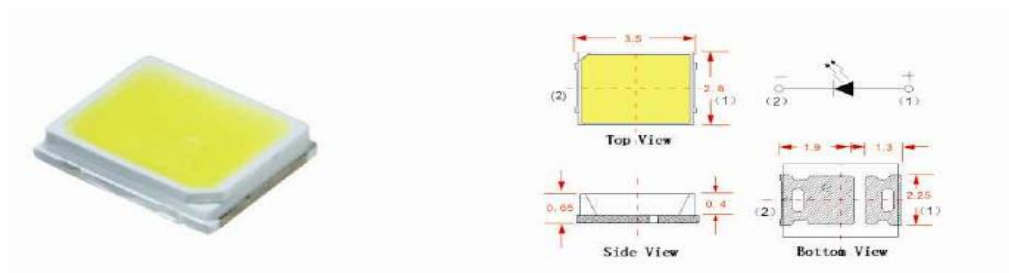
光度参数:

光通量 $\Phi = 52.60 lm$ 光效: $109.70 lm/W$ $\Phi_e = 190.5 mW$

电参数:

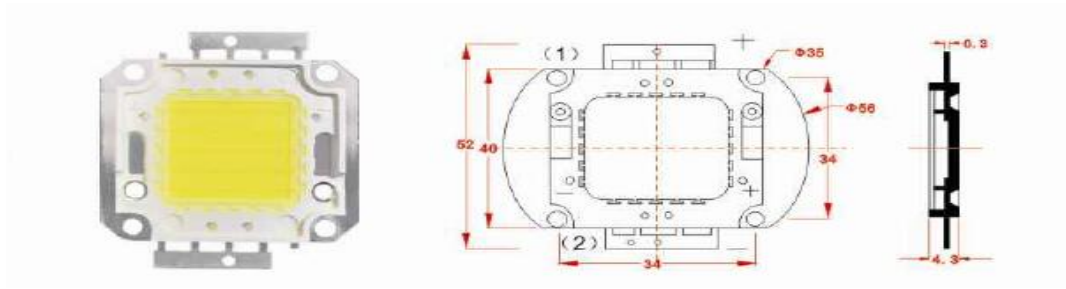
正向电压 $V_F = 3.185 V$ 正向电流 $I_F = 150.3 mA$ 功率 $P = 479.4 mW$
 反向电流 $I_R = 0 uA$ (反向电压 $V_R=5.001V$)

分级: 519 白光分类: ANSI_5700K



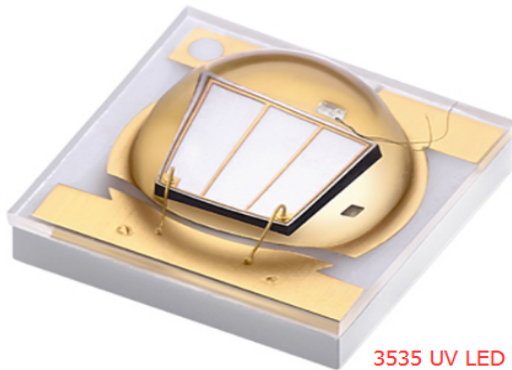
Part No.	Model	Power(W)	Size(mm)	CCT(K)	Luminous(LM)	Current(mA)	Voltage(V)	CRI(Ra)
KB-SMD2835FS-0.2W	2835	0.2W	2.8*3.5*0.8	2700K-6500K	22-24LM	60mA	3.0-3.2V	98Ra
KB-SMD2835FS-0.5W	2835	0.5W	2.8*3.5*0.8	2700K-6500K	50-55LM	150mA	3.0-3.2V	98Ra

LED Module

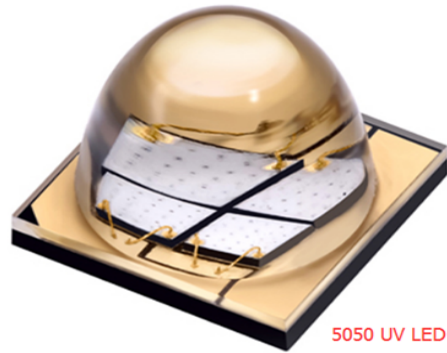


Part No.	Model	Power(W)	CCT(K)	Luminous(LM)	Current(mA)	Voltage(V)	CRI(Ra)
KB-HPLED10W	Module	10W	3000K/4000K/6000K	1200LM	350mA	30-34V	>70Ra
KB-HPLED20W	Module	20W	3000K/4000K/6000K	2400LM	700mA	30-34V	>70Ra
KB-HPLED25W	Module	25W	3000K/4000K/6000K	3000LM	900mA	30-34V	>70Ra
KB-HPLED30W	Module	30W	3000K/4000K/6000K	3600LM	1050mA	30-34V	>70Ra
KB-HPLED40W	Module	40W	3000K/4000K/6000K	4800LM	1500mA	30-34V	>70Ra
KB-HPLED50W	Module	50W	3000K/4000K/6000K	6000LM	1800mA	30-34V	>70Ra
KB-HPLED70W	Module	70W	3000K/4000K/6000K	8400LM	2400mA	30-34V	>70Ra
KB-HPLED80W	Module	80W	3000K/4000K/6000K	9600LM	2800mA	30-34V	>70Ra
KB-HPLED100W	Module	100W	3000K/4000K/6000K	12000LM	3500mA	30-34V	>70Ra

UV LEDs



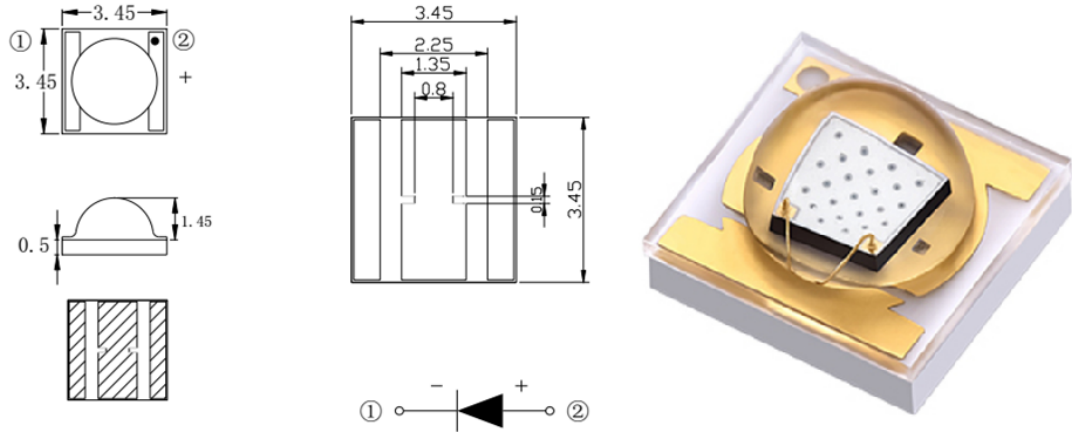
3535 UV LED



5050 UV LED

Part No.	Model	Power(W)	Wavelength	Radiant Flux	Operating Life	Current(mA)	Voltage(V)	Beam Angle
KB-5050UVAU5W	5050 UV LED	5W	365-415NM	≥1200mW	10000Hours	350mA	12-15V	120°
KB-3535UVAU2W	3535 UV LED	2W	365-415NM	≥400mW	10000Hours	500mA	3.0-3.8V	120°
KB-3535UVAU3W	3535 UV LED	3W	365-415NM	≥500mW	10000Hours	700mA	3.0-3.8V	120°

UV3535 Series

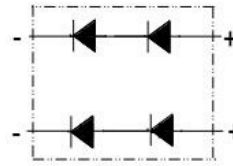
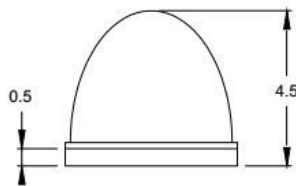
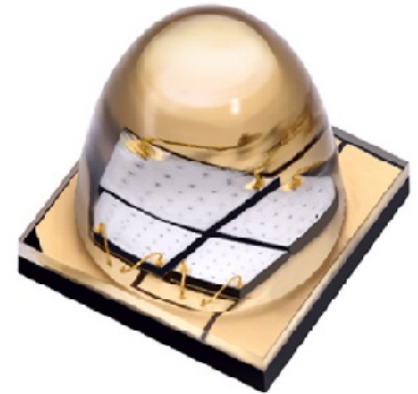
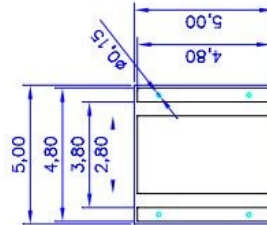
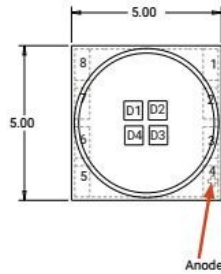


Electro-Optical characteristics					
Size	Parameter		Symbol	Value	Unit
3535	Peak wavelength		λ_p	365-405	nm
	Radiant Flux		Φ_e	500-800	mW
	Forward Voltage		VF	3.0-3.8	V
	Spectrum Half Width		$\Delta \lambda$	10	nm
	View Angle		$2\theta_{1/2}$	30	deg
	Thermal resistance		$R_{\theta j-s}$	2	°C /W
Absolute Maximum Ratings					
3535	Parameter		Symbol	Value	Unit
	Forward Current		IF	500	mA
	Junction Temperature		Tj	125	°C
	Operating Temperature		Topr	-10~ +85	°C
	Storage Temperature		Tstg	-40~ +100	°C

Application:

Suitable for high-end UV curing equipment, plant growth lights, fishing lights, UV flashlights, manicures, money detectors, anti-mosquito, architectural decoration, etc.

UV5050 Series



Electro-Optical characteristics

Size	Parameter	Symbol	Value	Unit
3535	Peak wavelength	λ_p	365-405	nm
	Radiant Flux	Φ_e	2800-3500	mW
	Forward Voltage	V_F	3.2-3.8	V
	Spectrum Half Width	$\Delta \lambda$	10	nm
	View Angle	$2\theta_{1/2}$	120	deg
	Thermal resistance	$R_{\theta j-s}$	4	$^{\circ}\text{C} / \text{W}$

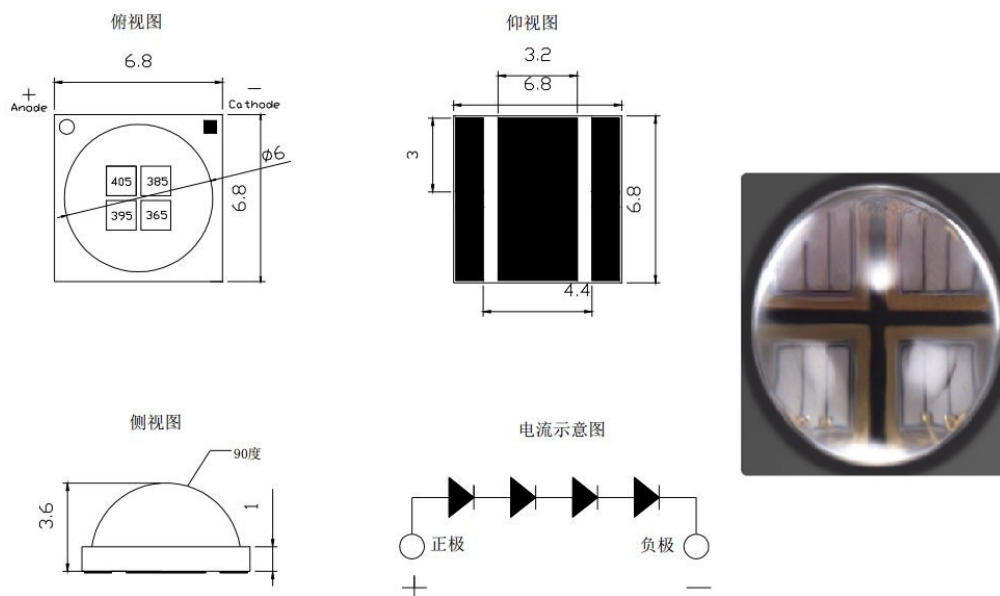
Absolute Maximum Ratings

Size	Parameter	Symbol	Value	Unit
3535	Forward Current	I_F	500	mA
	Junction Temperature	T_j	125	$^{\circ}\text{C}$
	Operating Temperature	T_{opr}	-10~ +85	$^{\circ}\text{C}$
	Storage Temperature	T_{stg}	-40~ +100	$^{\circ}\text{C}$

Application:

Suitable for high radiation intensity, UV flashlights, fishing lights, manicures, money detectors, anti-mosquito, architectural decorative projection lamps, etc.

UV6868 Series

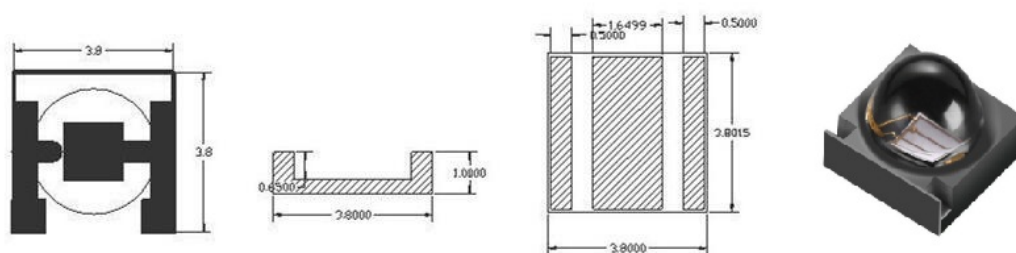


Electro-Optical characteristics					
Size	Parameter		Symbol	Value	Unit
7070	Peak wavelength		λ_p	365-405	nm
	Radiant Flux		Φ_e	2600-3400	mW
	Forward Voltage		VF	3.5-4.0	V
	Spectrum Half Width		$\Delta \lambda$	10	nm
	View Angle		$2\theta_{1/2}$	90	deg
	Thermal resistance		$R_{\theta j-s}$	3.5	°C /W
Absolute Maximum Ratings					
7070	Parameter		Symbol	Value	Unit
	Forward Current		IF	2000	mA
	Junction Temperature		Tj	125	°C
	Operating Temperature		Topr	-10~ +85	°C
	Storage Temperature		Tstg	-40~ +100	°C

Application:

Suitable for high-end UV curing equipment, plant growth lights, fishing lights, UV flashlights, manicures, money detectors, anti-mosquito, architectural decoration, etc.

UV3838 Series



Electro-Optical characteristics					
Size	Parameter		Symbol	Value	Unit
3838	Peak wavelength		λ_p	365-405	nm
	Radiant Flux		Φ_e	1500-2000	mW
	Forward Voltage		V _F	3.0-3.8	V
	Spectrum Half Width		$\Delta \lambda$	10	nm
	View Angle		$2\theta_{1/2}$	60	deg
	Thermal resistance		R θ_{j-s}	3	°C /W
Absolute Maximum Ratings					
3838	Parameter		Symbol	Value	Unit
	Forward Current		I _F	700	mA
	Junction Temperature		T _j	125	°C
	Operating Temperature		T _{opr}	-10~ +85	°C
	Storage Temperature		T _{stg}	-40~ +100	°C

Application:

Suitable for high radiation intensity, UV flashlights, fishing lights, manicures, money detectors, anti-mosquito, architectural decorative projection lamps, etc.