

19-315 series & 60363T series Electro-Optical Characteristics Comparison

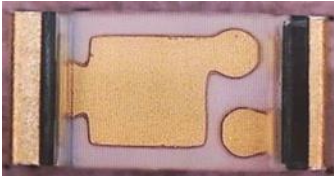
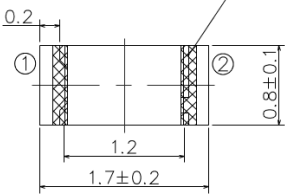
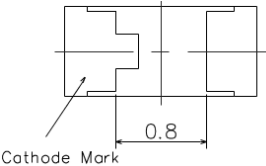
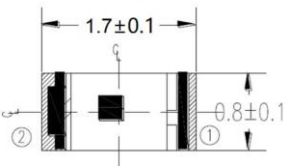
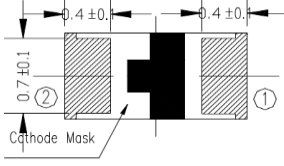
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Purpose of Change/說明

- To ensure delivery schedule, Everlight will use new 2nd source PCB to maintain current product supply.
為確保能如期交貨，億光將導入新款基板以維持產品當前供應量
- Affected items : IR19-315 series, PT19-315 series, MIR60363T series, MPT60363T series , HIR19-315 series, SIR19-315 series, PIR19-315 series
影響機種：IR19-315系列, PT19-315系列, MIR60363T系列, MPT60363T系列, HIR19-315系列, SIR19-315系列, PIR19-315系列

Comparison of Appearance/外觀比較

Item/項目		Original		2 nd Source	
		Front/正面	Bottom/背面	Front/正面	Bottom/背面
PCB/板材					
Appearance/ 成品外觀	Drawing/ 圖紙				
	Size/尺寸	1.7*0.8		1.7*0.8	

Comparison of Electro-Optical properties (MIR60363T)

光電特性比較

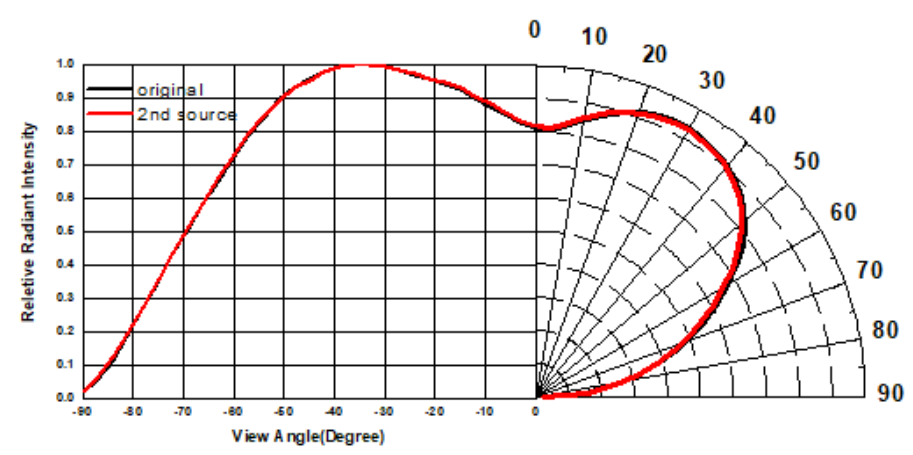
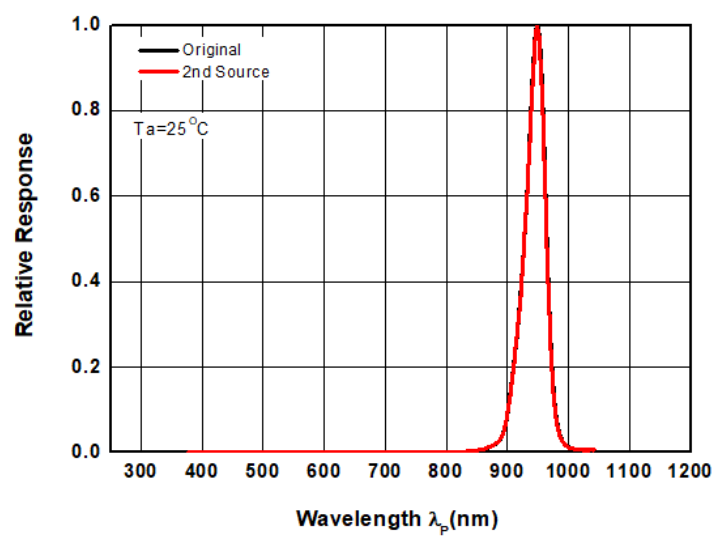
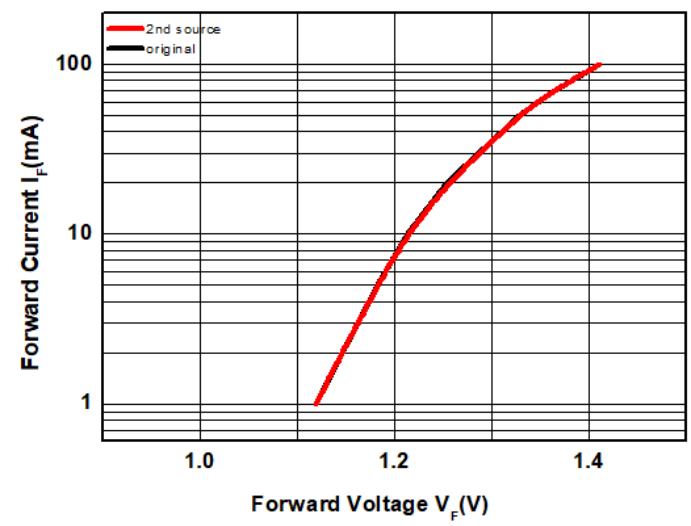
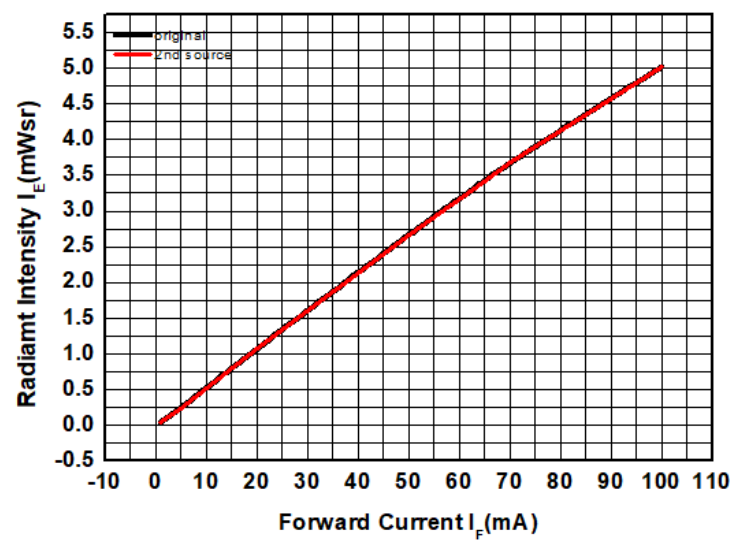
Datasheet 規格書

Parameter	Symbol	Min.	Typ.	Max.	Unit	Condition
Radiant Intensity	I _e	0.40	--	1.16	mW/sr	I _F =20mA
Peak Wavelength	λ _p	--	940	--	nm	
Forward Voltage	V _F	--	1.2	1.5	V	

Measured Data 測試數據

	I _e (mW/sr)	λ _p (nm)	V _F (V)
Condition	IF=20mA		
Original	1.04	949.28	1.24
2 nd Source	1.07	949.41	1.24

Comparison of Typical curves/光電特性曲線比較



Comparison of Electro-Optical properties (MPT60363T)

光電特性比較

Datasheet 規格書

Parameter	Symbol	Min.	Typ.	Max.	Unit	Condition
On State Collector Current	IC(ON)	0.30	--	1.40	mA	VCE=5V Ee=1mW/cm ² λP=940nm
Collector Dark Current	ICEO	--	--	100	nA	VCE=10V Ee=0mW/cm ²

Measured Data 測試數據

	IC(ON)	ICEO(nA)
Condition	VCE=5V Ee=1mW/cm ² λP=940nm	VCE=10V Ee=0mW/cm ²
Original	0.52	0.03
2 nd Source	0.56	0.05

Comparison of Typical curves/光電特性曲線比較

