

## LG-05IR4T94C-557C-B-T DATA SHEET

SPEC. NO. : SZ21042902  
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REV. : A/0

Approved By:

Checked By:

Prepared By:



## Absolute Maximum Ratings at Ta=25°C

Parameter	MAX.	Unit
Power Dissipation	75	mW
Continuous Forward Current	50	mA
Peak Forward Current <sup>*3</sup>	1.0	A
Reverse Voltage	5	V
Operating Temperature	-40 to + 85	
Storage Temperature	-40°C to + 100°C	
Lead Soldering Temperature [2mm From Body]	260°C for 3 Seconds	
IR Reflow Temperature	245°C for 30 seconds	

### 1. Storage

## Electrical Optical Characteristics at Ta=25°C

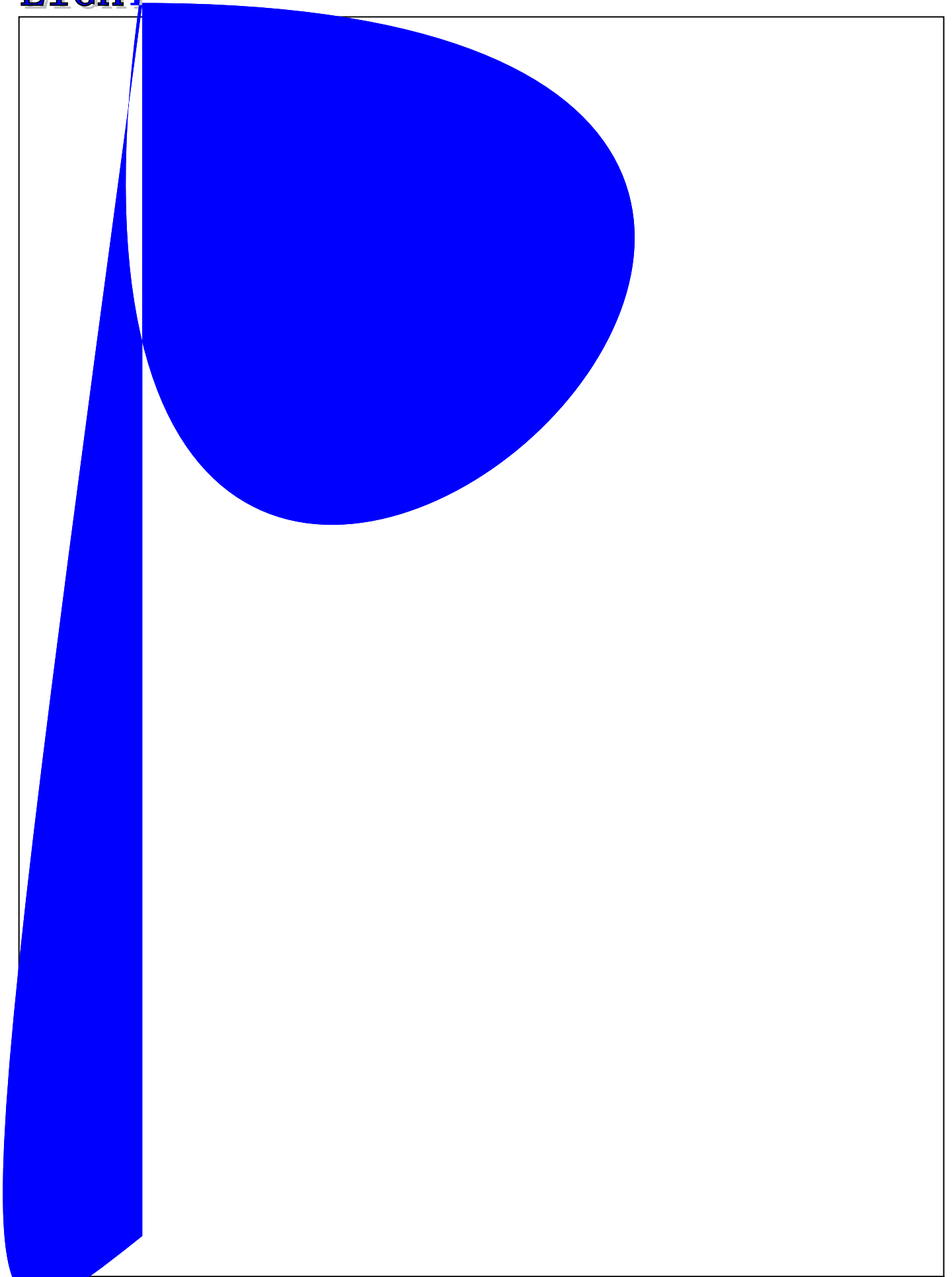
Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Radiant Intensity	I <sub>e</sub>	70	100	---	mW/sr	I <sub>F</sub> =50mA (Note 1,3)
Viewing Angle	1/2	25	30	35	deg	1] (Note 2) TeW* nBT/F3 12 T
Peak Wavelength			940		nm	I <sub>F</sub> = 20mA

Spectral Line Half- Width

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保潔

**LIGHT**



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