

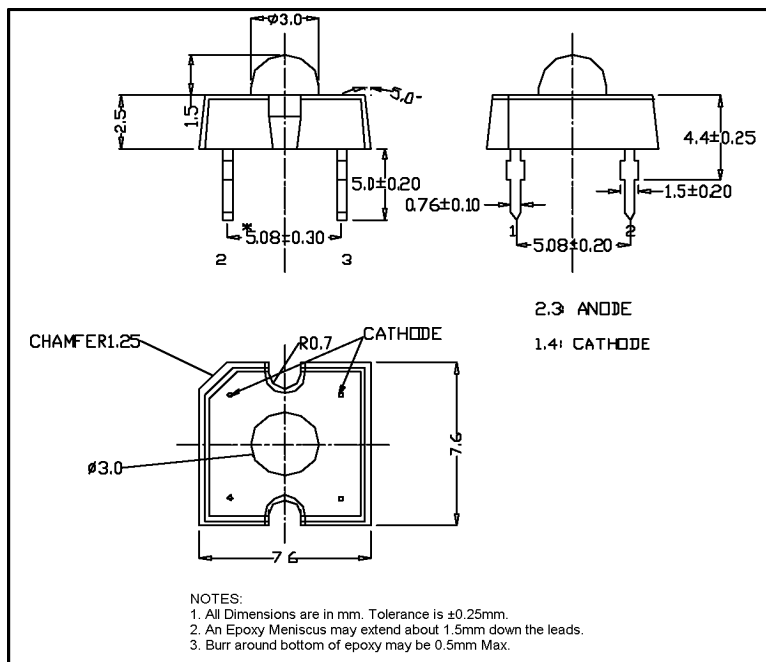
LP377PWH1-60G

Features

Water Clear Lens
Low Profile
4 Pin Plastic Package
High Flux Output
High Current Operation

Applications

Automotive Interior Exterior Lighting
Rail Signals
Traffic Control Devices
Channel Letters
Strip Lighting
Architectural Lighting



Maximum Ratings (Ta=25°C)

Characteristic	Symbol	Max.	Unit
Forward Current	I_F	30	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	120.00	mW
Operating Temperature	T_{opr}	-20 ~ +75	°C
Storage Temperature	T_{stg}	-30 ~ +80	°C
Soldering Temperature	T_{sol}	260	°C
Soldering Time	-	for 3 sec. max	-



ATTENTION

OBSERVE PRECAUTIONS
ELECTROSTATIC
SENSITIVE DEVICES

Opto-Electrical Characteristics (Ta=25°C)

Characteristic	Symbol	Test Condition	Min	Typ	Max	Unit
Forward Voltage	V_F	$I_F=30\text{mA}$	3.60	4.00	4.60	V
Reverse Current	I_R	$V_R=5\text{V}$	-	-	100	μA
Luminous Flux	Φ	$I_F=30\text{mA}$	770.00	1200.00	-	mlm
Viewing Angle	$2\theta^{1/2}$	-	-	60°	-	deg.
Peak Wavelength	λ_p	$I_F=30\text{mA}$	-	465	-	nm
Dominant Wavelength	λ_d	$I_F=30\text{mA}$	-	x=.31, y=.32	-	nm
Spectral Line Half Width	$\Delta\lambda$	$I_F=30\text{mA}$	-	28	-	nm

Company Headquarters

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Fax: 518.432.7454



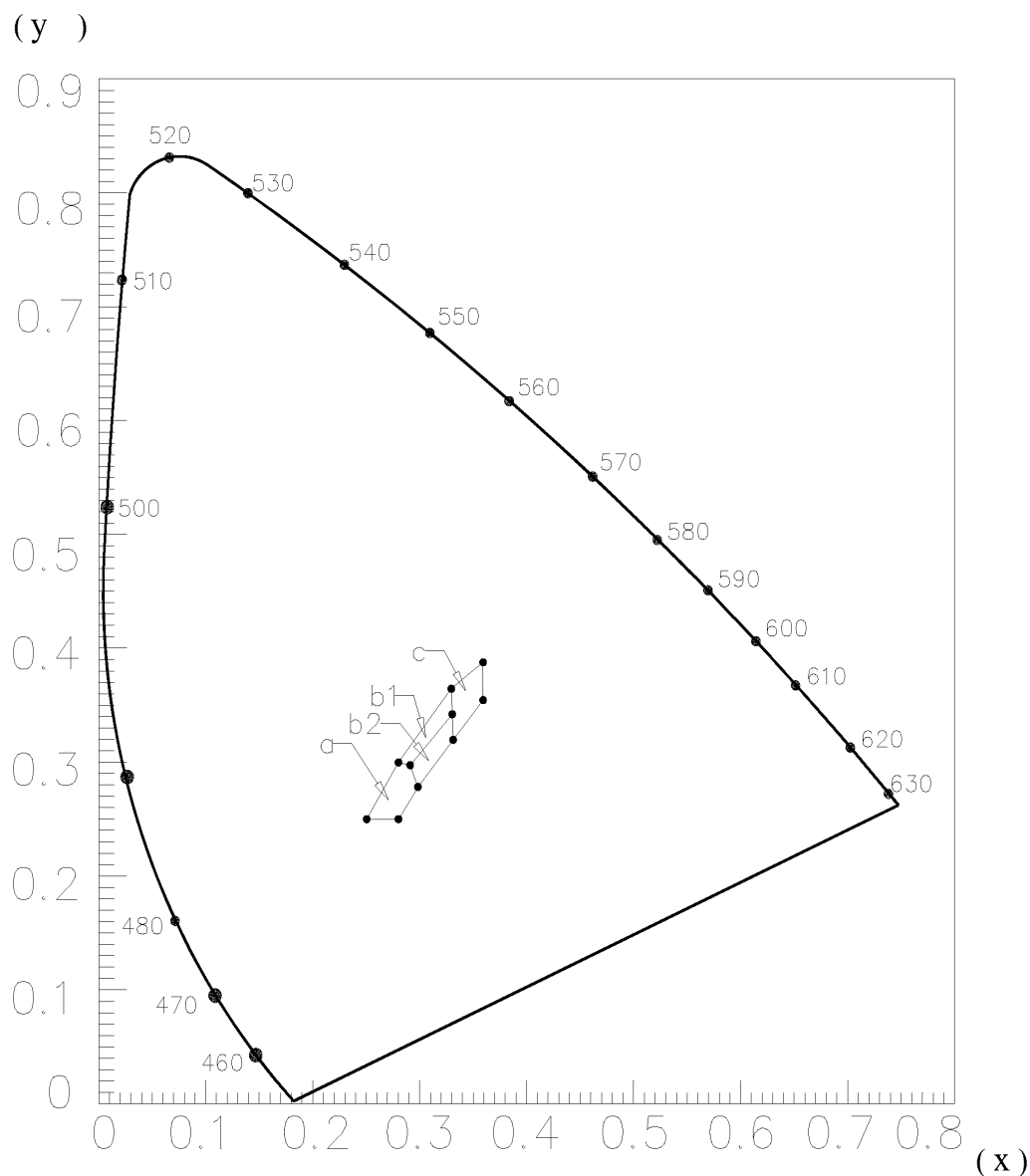
Web: www.marktechopto.com | Email: info@marktechopto.com

West Coast Sales Office

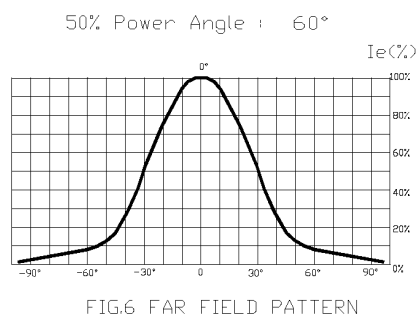
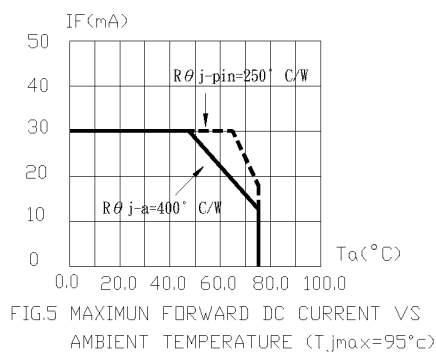
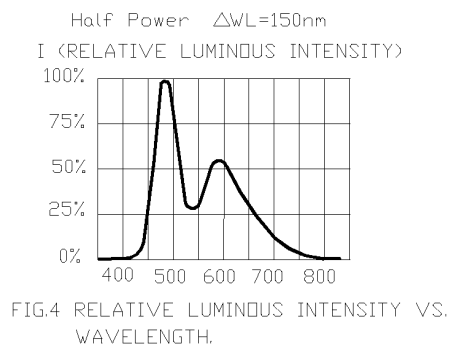
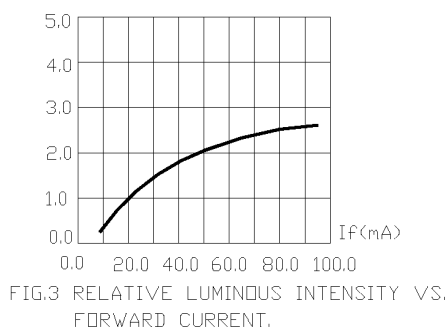
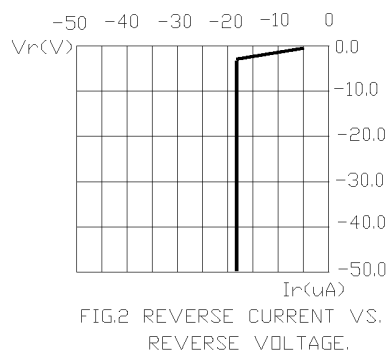
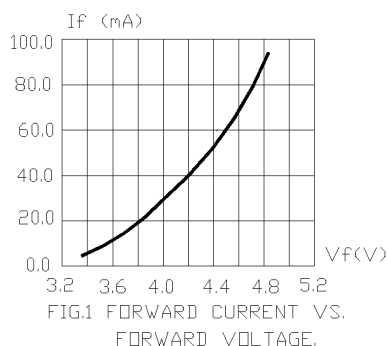
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LP377PWH1-60G Graphs

CIE Chromaticity Diagram



LP377PWH1 60G Graphs



1. Cathode PAD Area (0.18 × 0.18inch²)
2. Height above nominal seating plane in inches(0.3inch)