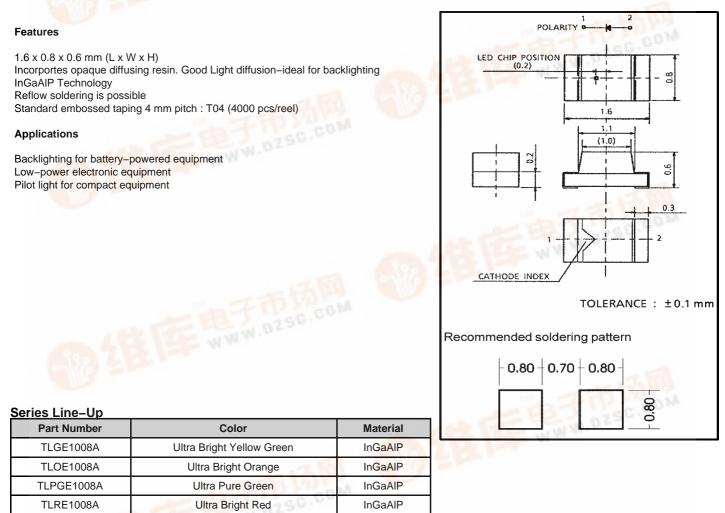
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# TOSHIBA WWW.02

### Toshiba TLxE1008A SMT LEDs



InGaAIP

InGaAIP

#### Maximum Ratings (Ta=25°C)

TLSE1008A

TLYE1008A

Part Number	Forward Current	Reverse Voltage VR	Power Dissipation PD	Operating Temperature Topr	Storage Temperature Tstg		
TLGE1008A	25	4	60.00	-25 ~ +85	-30 ~ +85		
TLOE1008A	25	4	60.00	-25 ~ +85	-30 ~ +85		
TLPGE1008A	25	4	60.00	-25 ~ +85	-30 ~ +85		
TLRE1008A	25		60.00	-25 ~ +85	-30 ~ +85		
TLSE1008A	25	4	60.00	-25 ~ +85	-30 ~ +85		
TLYE1008A	25	4	60.00	-25 ~ +85	-30 ~ +85		
Unit	mA	V	mW	٥°	°C		

Ultra Bright High Efficency Red

Ultra Bright Yellow





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### Toshiba TLxE1008A SMT LEDs

Part Number	<b>PWL nm</b> λP	Material	View Angle 201/2	Luminous Intensity			Forward Voltage VF			Rev Current			
				min.	typ.	max.	IF@	min.	typ.	max.	IF@	max.	VR@
TLGE1008A	574	InGaAlP	110 <sup>°</sup>	27.20	70.00	_	20mA	-	2.00	2.40	20mA	50	4V
TLOE1008A	612	InGaAlP	110 <sup>°</sup>	47.60	150.00	_	20mA	-	2.00	2.40	20mA	50	4V
TLPGE1008A	562	InGaAlP	110 <sup>°</sup>	4.76	18.00	_	20mA	-	2.10	2.40	20mA	50	4V
TLRE1008A	644	InGaAlP	110 <sup>°</sup>	27.20	70.00	_	20mA	-	1.90	2.40	20mA	50	4V
TLSE1008A	623	InGaAlP	110 <sup>°</sup>	47.60	135.00	_	20mA	-	1.90	2.40	20mA	50	4V
TLYE1008A	590	InGaAlP	110 <sup>°</sup>	27.20	105.00	_	20mA	-	2.00	2.40	20mA	50	4V
-	nm	-	deg		mcd		-		V		-	μ <b>Α</b>	-

#### Electrical and Optical Characteristics (Ta=25°C)

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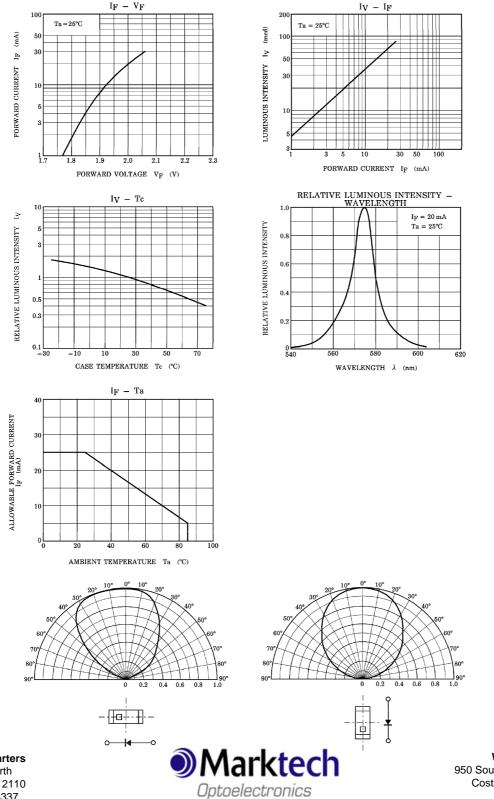
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### Toshiba TLxE1008A SMT LEDs

#### **TLGE1008A Graphs**



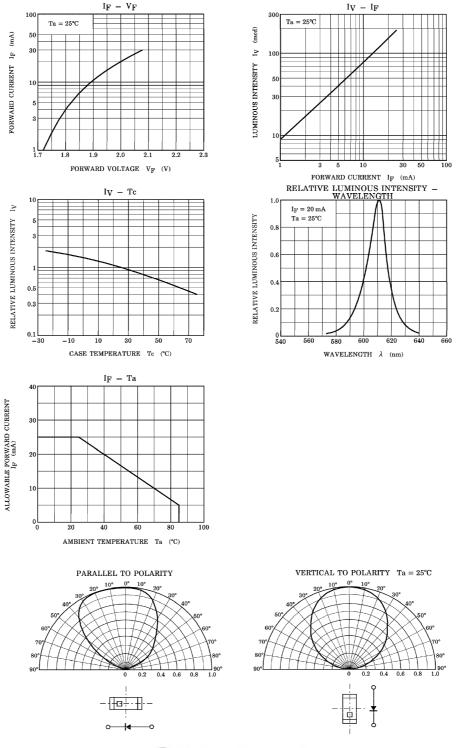
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### Toshiba TLxE1008A SMT LEDs

#### **TLOE1008A Graphs**

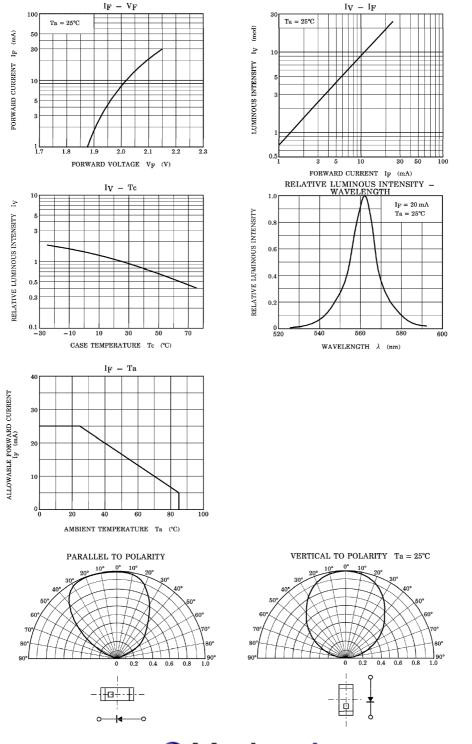


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### Toshiba TLxE1008A SMT LEDs

#### **TLPGE1008A Graphs**

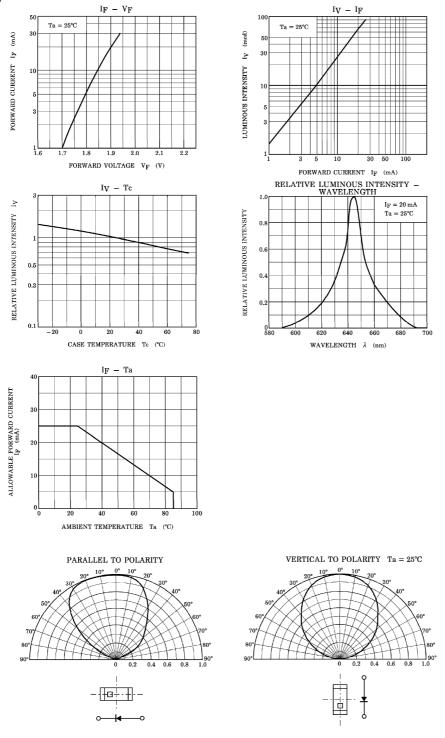


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### Toshiba TLxE1008A SMT LEDs

#### **TLRE1008A Graphs**



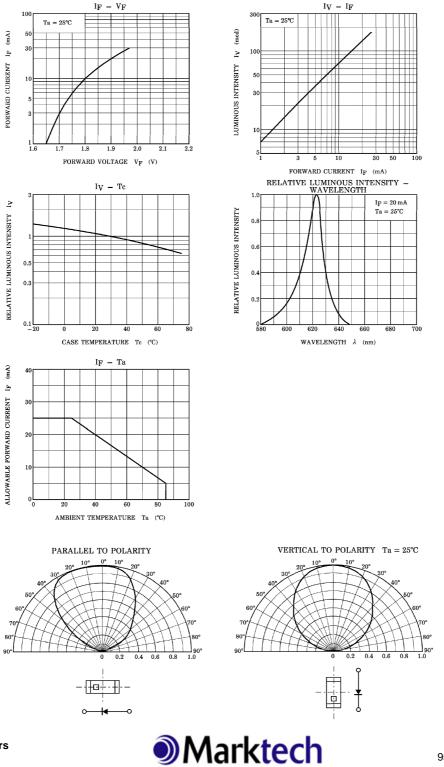
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### Toshiba TLxE1008A SMT LEDs

#### **TLSE1008A Graphs**

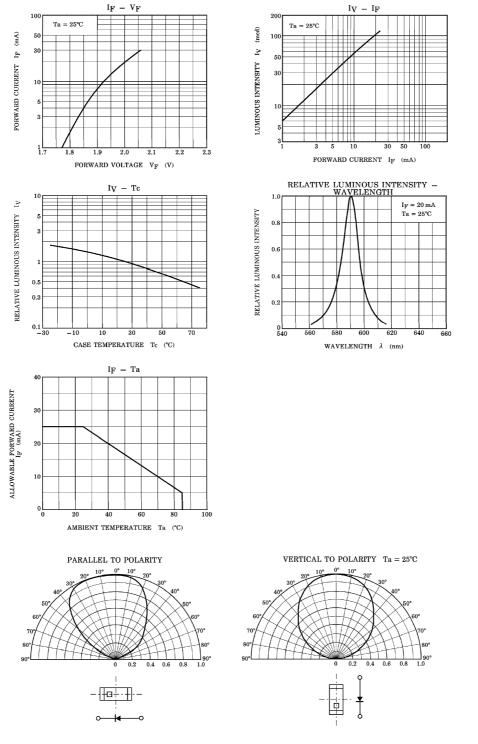


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### Toshiba TLxE1008A SMT LEDs

#### **TLYE1008A Graphs**



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