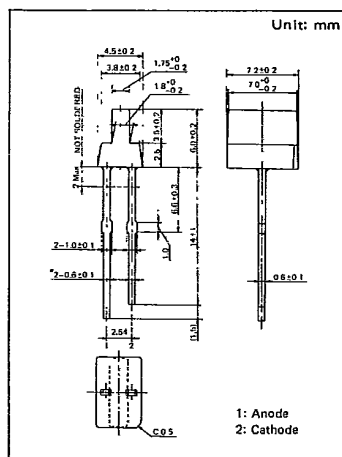


1.75mm X 7mm Series

- Characteristics:**
1. Lighting surface 1.75mm x 7mm rectangle
 2. Lighting surface is formed at right angles with A.C. lead wire
 3. High reliability, long life

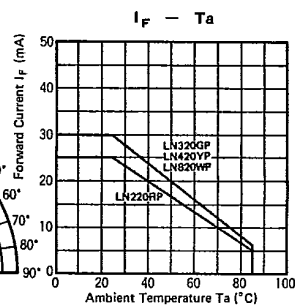
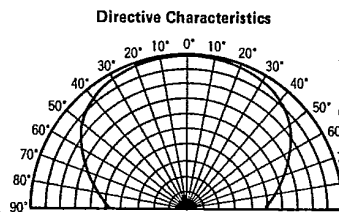
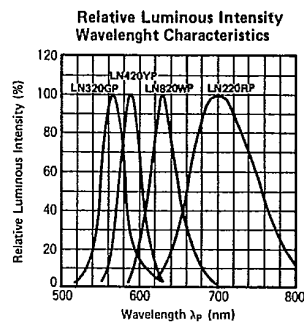
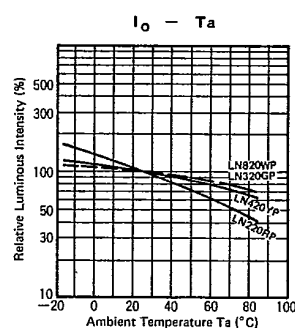
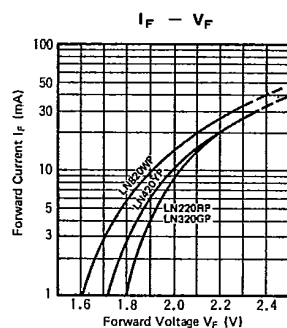
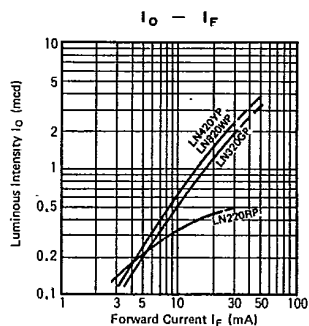
Absolute Maximum Ratings (Ta = 25°C)

Lighting Color	P _D (mW)	I _F (mA)	I _{FM} (mA)	V _R (V)	T _{opr} (°C)	T _{stg} (°C)
Red	70	25	30	4	-25~+85	-30~+100
Green	90	30	40	4	-25~+85	-30~+100
Amber	90	30	40	4	-25~+85	-30~+100
Orange	90	30	40	3	-25~+85	-30~+100



Electro-Optical Characteristics (Ta = 25°C)

Type No.	Lens Color	I_0			I_F	V_F		λ_D	$\Delta\lambda_D$	I_F	I_R	
		Typ.	Min.	Typ.		Max.	Typ.	Typ.	Max.		V_R	
LN220RP	Red Diffused	0.4	0.15	15	2.2	2.8	700	100	20	5	4	
LN320GP	Green Diffused	1.2	0.50	20	2.2	2.8	565	30	20	10	4	
LN420YP	Amber Diffused	1.5	0.50	20	2.2	2.8	590	30	20	10	4	
LN820WP	White Diffused	1.5	0.60	20	2.1	2.8	630	40	20	10	3	
Unit	—	mcA	mcA	mA	V	V	nm	nm	mA	μ A	V	



Triangle Type

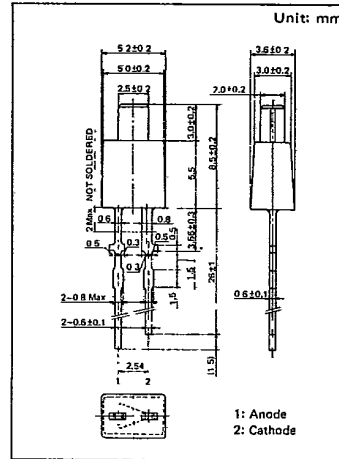
T-41-23

Triangle 2mm X 2.5mm Series

- Characteristics:**
1. Lighting surface 2mm x 2.5mm triangle
 2. Long leadwire and suitable type for location indicator and line finder
 3. High reliability, long life

Absolute Maximum Ratings (Ta = 25°C)

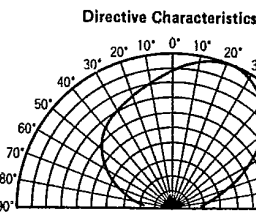
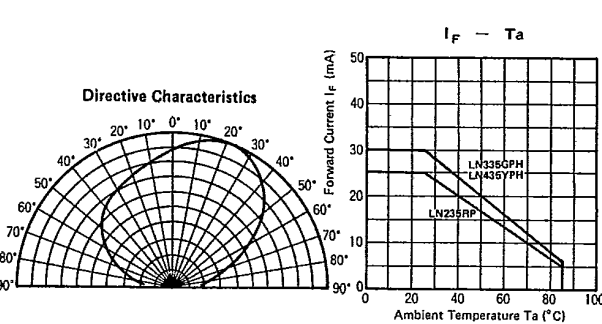
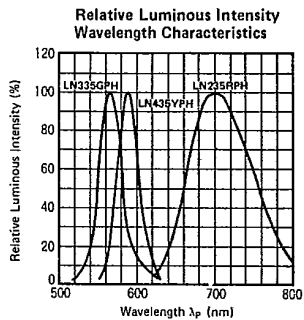
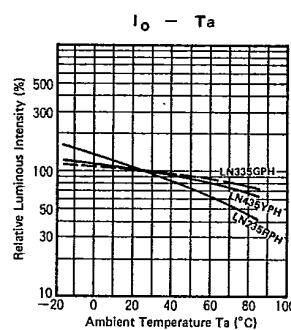
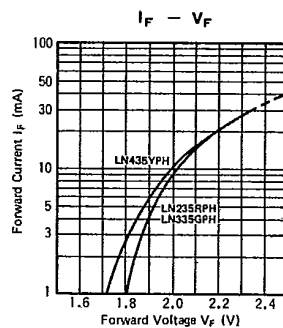
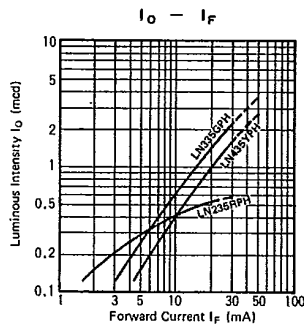
Lighting Color	P _D (mW)	I _F (mA)	I _{FM} (mA)	V _R (V)	Topr(°C)	Tstg(°C)
Red	70	25	30	4	-25~+85	-30~+100
Green	90	30	40	4	-25~+85	-30~+100
Amber	90	30	40	4	-25~+85	-30~+100



Electro-Optical Characteristics (Ta = 25°C)

Type No.	Lens Color	I _O			V _F		λ _p	Δλ _p	I _F	I _R	
		Typ.	Min.	I _F	Typ.	Max.				Max.	V _R
LN235RPH	Red Diffused	0.5	0.25	15	2.2	2.8	700	100	20	5	4
LN335GPH	Green Diffused	1.5	0.60	20	2.2	2.8	565	30	20	10	4
LN435YPH	Amber Diffused	1.0	—	20	2.2	2.8	590	30	20	10	4
Unit	—	mod	mod	mA	V	V	nm	nm	mA	μA	V

△ Tentative specification



Triangle Type

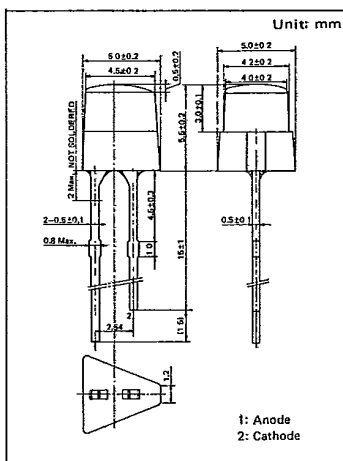
T-41-23

Triangle 4mm X 4.5mm Series

- Characteristics:
1. Lighting surface 4mm x 4.5mm triangle
 2. Suitable type for location indicator and line finder
 3. High reliability, long life

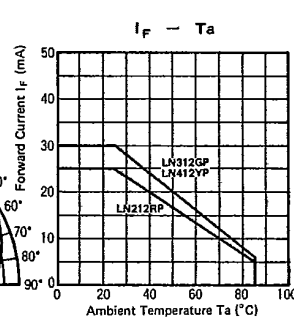
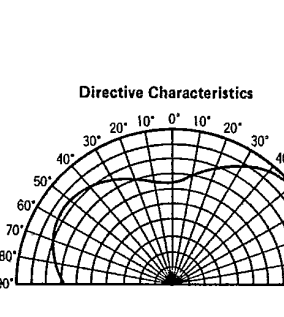
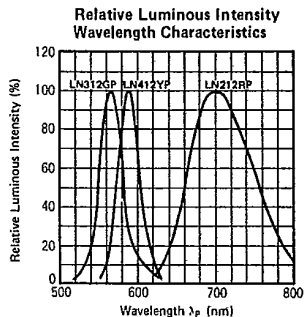
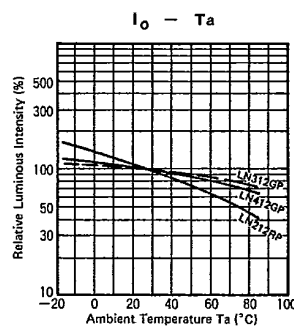
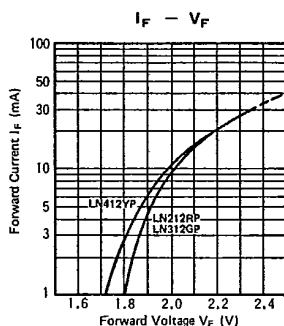
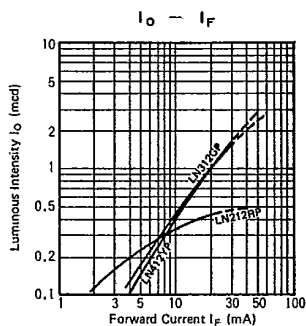
Absolute Maximum Ratings (Ta = 25°C)

Lighting Color	PO(mW)	IF(mA)	IFM(mA)	VR(V)	ToPr(°C)	Tstg(°C)
Red	70	25	30	4	-25~+85	-30~+100
Green	90	30	40	4	-25~+85	-30~+100
Amber	90	30	40	4	-25~+85	-30~+100



Electro-Optical Characteristics (Ta = 25°C)

Type No.	Lens Color	Io			VF		λ_p	$\Delta\lambda_p$	IF	IR	
		Typ.	Min.	IF	Typ.	Max.				Max.	VR
LN212RP	Red Diffused	0.4	0.1	15	2.2	2.8	700	100	20	5	4
LN312GP	Green Diffused	1.0	0.3	20	2.2	2.8	555	30	20	10	4
LN412YP	Amber Diffused	1.0	0.4	20	2.2	2.8	590	30	20	10	4
Unit	—	md	md	mA	V	V	nm	nm	mA	μA	V



Triangle Type

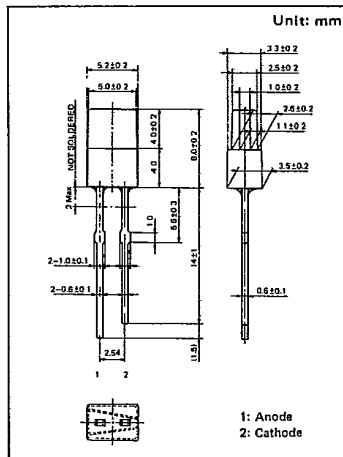
T-41-23

Triangle 2.5mm X 5mm Series

- Characteristics: 1. Lighting surface 2.5mm x 5mm triangle
2. Suitable type for location indicator and line finder
3. High reliability, long life

Absolute Maximum Ratings (Ta = 25°C)

Lighting Color	P _D (mW)	I _F (mA)	I _{FM} (mA)	V _R (V)	Topr(°C)	Tstg(°C)
Red	70	25	30	4	-25~+85	-30~+100
Green	90	30	40	4	-25~+85	-30~+100
Amber	90	30	40	4	-25~+85	-30~+100



Electro-Optical Characteristics (Ta = 25°C)

Type No.	Lens Color	I _O			V _F		λ _P	Δλ _P	I _F	I _R	
		Typ.	Min.	I _F	Typ.	Max.				Max.	V _R
LN227RP	Red Diffused	0.8	0.4	15	2.2	2.8	700	100	20	5	4
LN327GP	Green Diffused	2.0	0.7	20	2.2	2.8	565	30	20	10	4
LN427YP	Amber Diffused	1.0	0.3	20	2.2	2.8	590	30	20	10	4
Unit	—	mcd	mcd	mA	V	V	nm	nm	mA	μA	V

