

Triangle Type

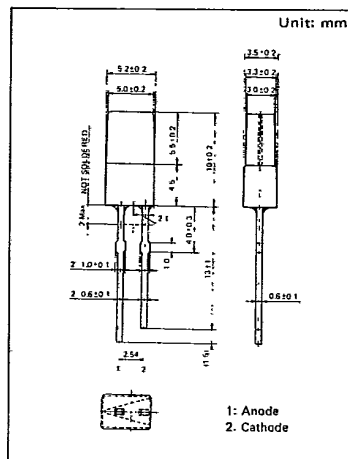
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Triangle 3mm X 5mm Series

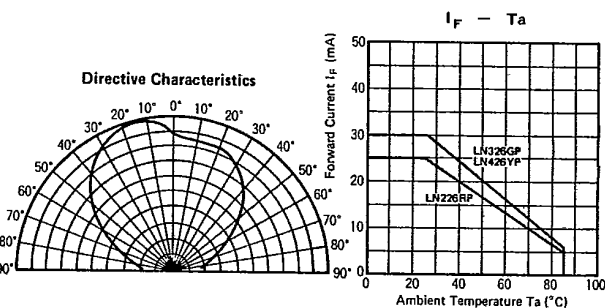
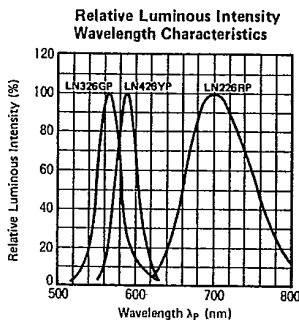
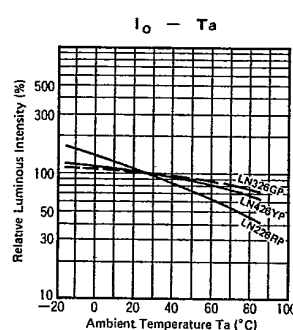
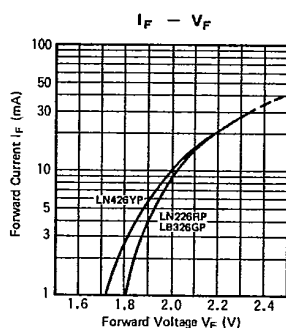
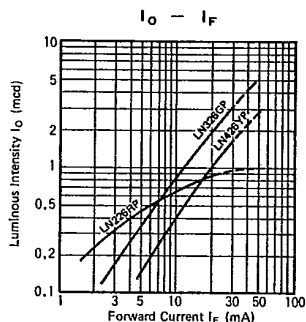
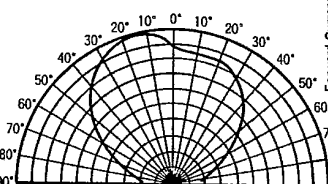
- Characteristics: 1. Lighting surface 3mm x 5mm triangle
2. Suitable type for location indicator and line finder
3. High reliability, long life

Absolute Maximum Ratings (Ta = 25°C)

Lighting Color	P _O (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
LN226RP	Red Diffused	0.8	0.4	15	2.2	2.8	700	100	20	5	4
LN326GP	Green Diffused	2.0	0.7	20	2.2	2.8	565	30	20	10	4
LN426YP	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

**Directive Characteristics**

Triangle Type

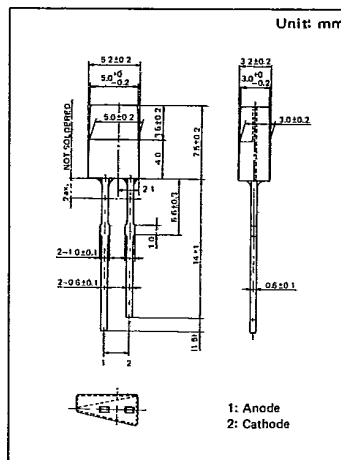
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Triangle 3mm X 5mm Series

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

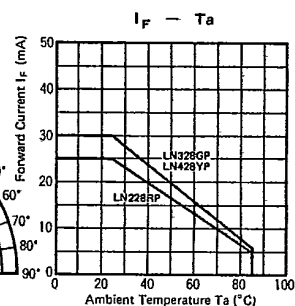
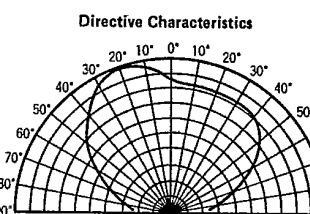
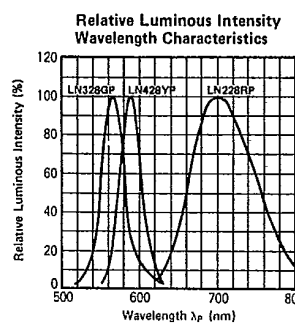
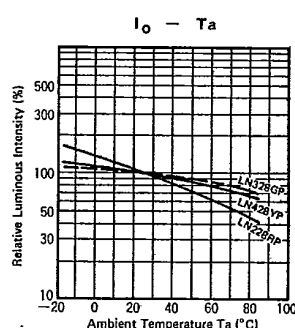
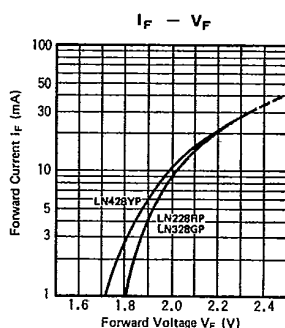
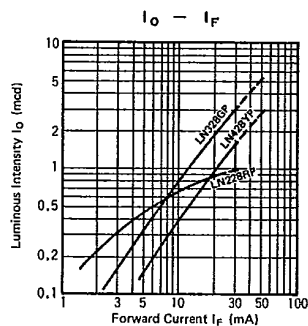
Absolute Maximum Ratings (Ta = 25°C)

Lighting Color	P _D (mW)	I _F (mA)	I _{FM} (mA)	V _R (V)	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



Electro-Optical Characteristics (Ta = 25°C)

Type No.	Lens Color	I ₀			V _F		λ _p	Δλ _p	I _F	I _R	
		Typ.	Min.	I _F	Typ.	Max.				Max.	V _R
LN228RP	Red Diffused	0.8	0.4	15	2.2	2.8	700	100	20	5	4
LN328GP	Green Diffused	2.0	0.7	20	2.2	2.8	565	30	20	10	4
LN428YP	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



Round-Side View Type

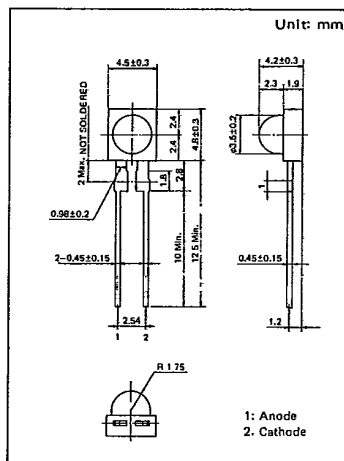
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Round-Side View 3.5mm Series

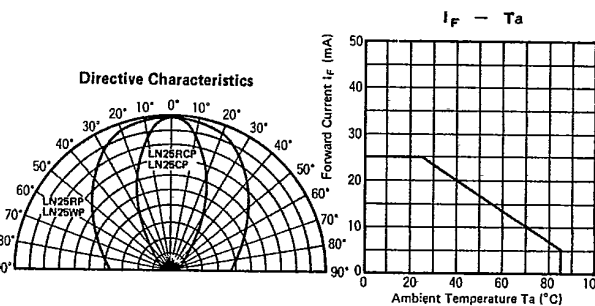
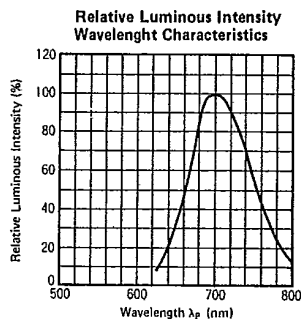
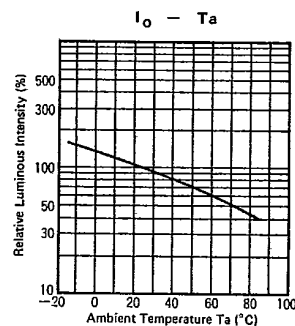
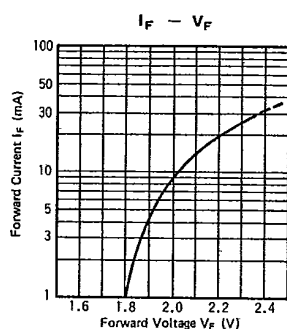
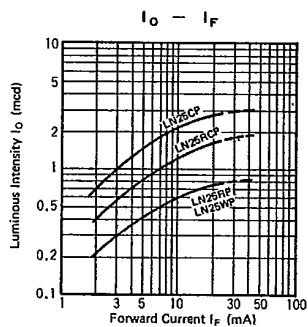
Characteristics: 1. Lighting surface side 3.5mm round side view
2. High precise dimension
3. High reliability, long life

Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

Lighting Color	$P_D(\text{mW})$	$I_F(\text{mA})$	$I_{FM}(\text{mA})$	$V_R(\text{V})$	$T_{opr}(^\circ\text{C})$	$T_{stg}(^\circ\text{C})$
Red	70	25	30	4	$-25 \sim +85$	$-30 \sim +100$

Electro-Optical Characteristics ($T_a = 25^\circ\text{C}$)

Type No.	Lens Color	I_O			V_F		λ_p	$\Delta\lambda_p$	I_F	I_R	
		Typ.	Min.	I_F	Typ.	Max.	Typ.	Typ.		Max.	V_R
LN25RP	Red Diffused	0.7	0.2	15	2.2	2.8	700	100	20	5	4
LN25ROP	Red Clear	1.5	0.5	15	2.2	2.8	700	100	20	5	4
LN25WP	White Diffused	0.7	0.2	15	2.2	2.8	700	100	20	5	4
LN25OP	Clear	2.5	0.7	15	2.2	2.8	700	100	20	5	4
Unit	—	mcd	mcd	mA	V	V	nm	nm	mA	μA	V



Round-Side View Type

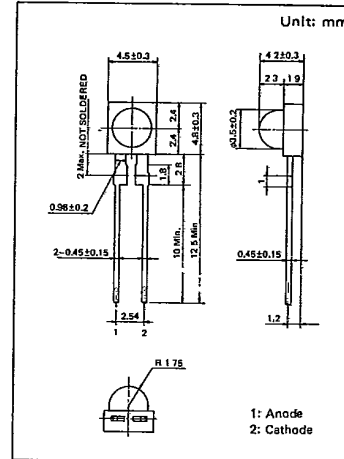
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Round-Side View 3.5mm Series

- Characteristics: 1. Lighting surface side 3.5mm round side view
2. High precision dimension
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)
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.	Typ.	Typ.		Max.	V _R
LN35BP	Blue Diffused	2.5	0.7	20	2.2	2.8	565	30	20	10	4
LN35GP	Green Diffused	1.2	0.3	20	2.2	2.8	565	30	20	10	4
LN35GCP	Green Clear	2.0	0.5	20	2.2	2.8	565	30	20	10	4
LN45YP	Amber Diffused	0.8	0.3	20	2.2	2.8	590	30	20	10	4
LN45YCP	Amber Clear	1.5	0.5	20	2.2	2.8	590	30	20	10	4
Unit		mod	mod	mA	V	V	nm	nm	mA	μA	V

