

Round-Top View Type

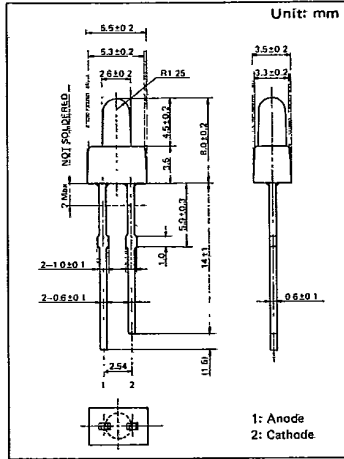
T-41-23

Round-Top View 2.6mm Series

- Characteristics: 1. Lighting surface 2.6mm round-top view type
 2. Suitable for many LED use
 3. High reliability, long life

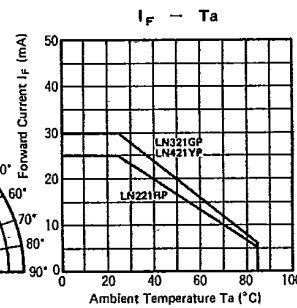
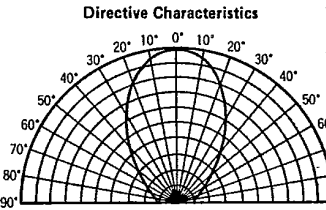
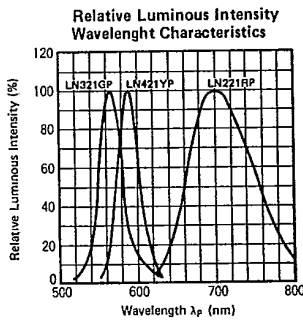
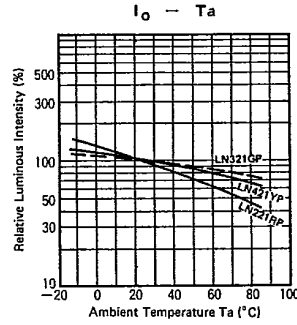
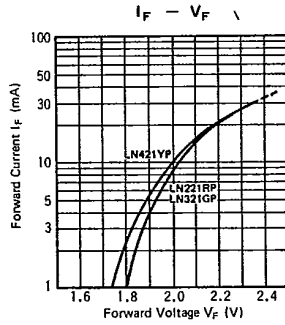
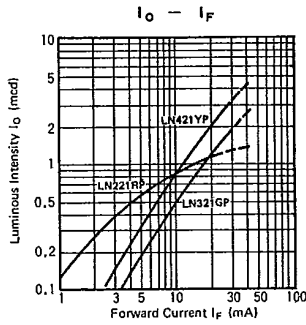
Absolute Maximum Ratings (Ta = 25°C)

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		λp	Δλp	IF	IR	
		Typ.	Min.	IF	Typ.	Max.				Max.	VR
LN221RP	Red Diffused	1.0	0.5	15	2.2	2.8	700	100	20	5	4
LN321GP	Green Diffused	1.2	0.5	20	2.2	2.8	565	30	20	10	4
LN421YP	Amber Diffused	2.0	1.0	20	2.2	2.8	590	30	20	10	4
Unit		mod	mod	mA	V	V	nm	nm	mA	μA	V



Round-Top View Type

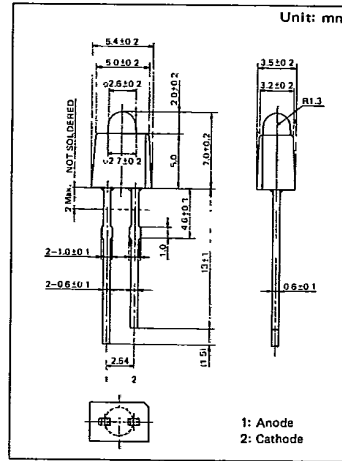
T-41-23

Round-Top View 2.6mm Series

- Characteristics:
1. Lighting surface 2.6mm round-top view type
 2. High radiation
 3. High reliability, long life

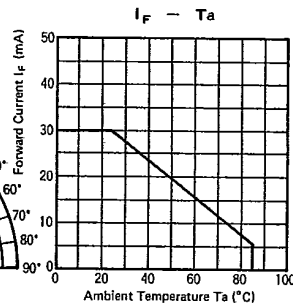
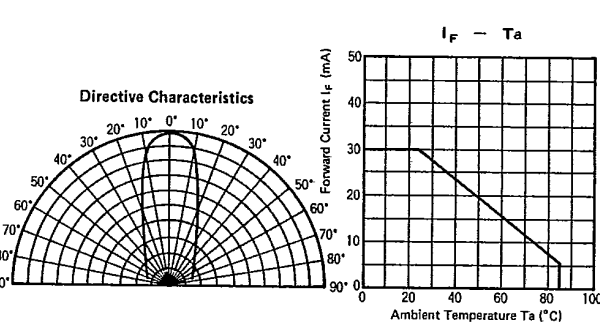
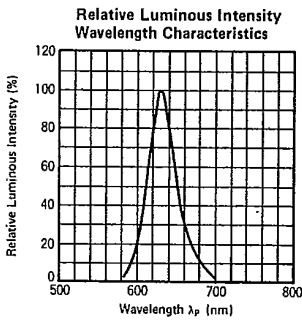
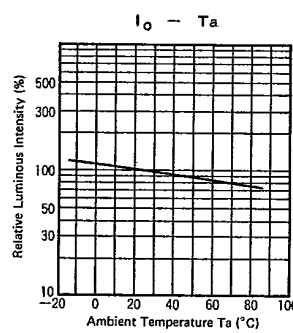
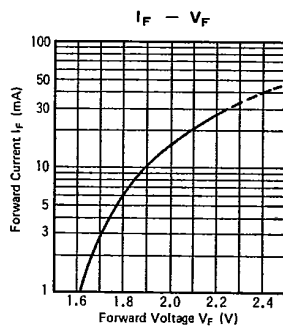
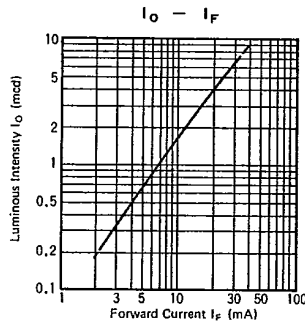
Absolute Maximum Ratings (Ta = 25°C)

Lighting Color	P _D (mW)	I _F (mA)	I _{FM} (mA)	V _R (V)	Topt(°C)	Tstg(°C)
Orange	90	30	40	3	-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.	Typ.	Typ.		Max.	V _R
LN831RP	Red Diffused	4.0	1.5	20	2.1	2.8	630	40	20	10	3
Unit	—	mcd	mcd	mA	V	V	nm	nm	mA	μA	V



Round-Top View Type

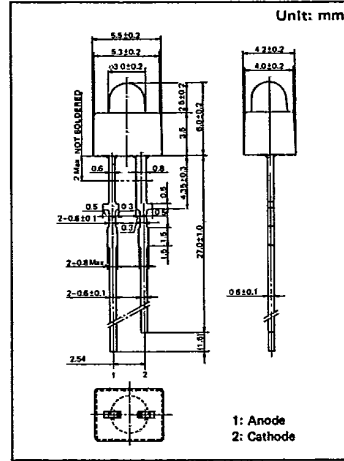
T-41-23

Round-Top View 3mm Series

- Characteristics: 1. Lighting surface 2.0mm round-top view type
 2. Long lead wire, high radiation
 3. High reliability, long life

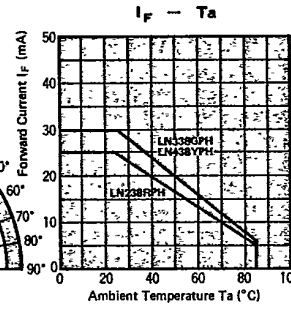
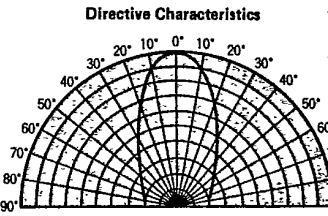
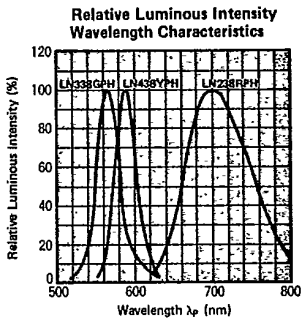
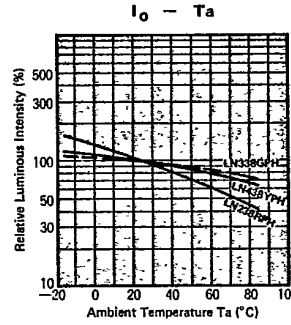
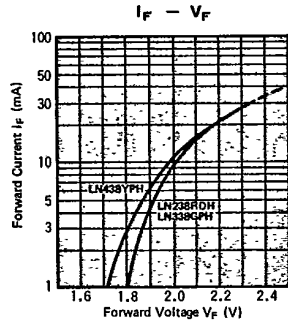
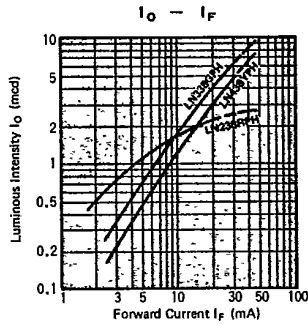
Absolute Maximum Ratings (Ta = 25°C)

Lighting Color	P _D (mW)	I _F (mA)	I _F (mA)	V _F (V)	Tope(°C)	Tsfg(°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 _F			V _F		λ _p		Δλ _{1/2}	I _F	V _R
		Typ.	Min.	I _F	Typ.	Max.	Typ.	Typ.			
LN238RPH	Red Diffused	2.0	1.0	15	2.2	2.8	700	100	20	5	4
LN338GPH	Green Diffused	4.0	1.5	20	2.2	2.8	565	30	20	10	4
LN438YPH	Amber Diffused	3.0	1.0	20	2.2	2.8	590	30	20	10	4
Unit	—	mod	mod	mA	V	V	nm	nm	mA	μA	V



Square Type

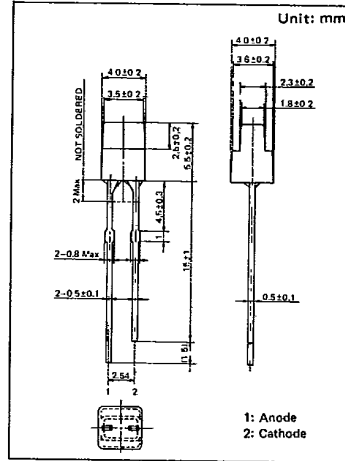
T-41-23

1.8mm X 3.5mm Series

- 1. Lighting surface 1.8mm x 3.5mm rectangle
- 2. Uniform lighting surface
- 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		λp	Δλp	IF	IR	
		Typ.	Min.	IF	Typ.	Max.				Max.	VR
LN211RP	Red Diffused	0.3	0.15	15	2.2	2.8	700	100	20	5	4
LN211WP	White Diffused	0.4	0.10	15	2.2	2.8	700	100	20	5	4
LN311GP	Green Diffused	1.0	0.45	20	2.2	2.8	565	30	20	10	4
LN411YP	Amber Diffused	1.0	0.40	20	2.2	2.8	590	30	20	10	4
Unit	—	med	med	mA	V	V	nm	nm	mA	μA	V

