





# Square Type

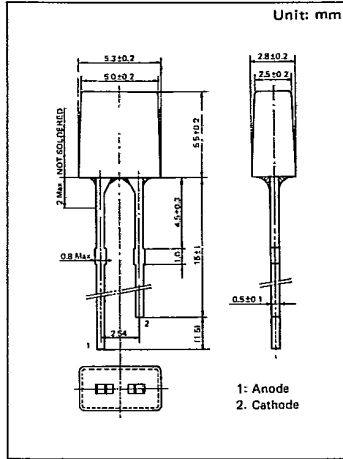
T-41-23

## 2.5mm X 5mm Series

- Characteristics: 1. Lighting surface 2.5mm x 5mm rectangle  
 2. Uniform lighting surface  
 3. High reliability, long life

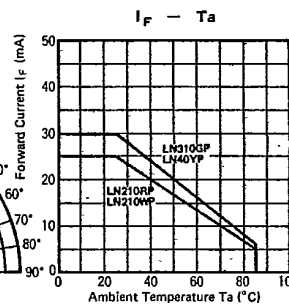
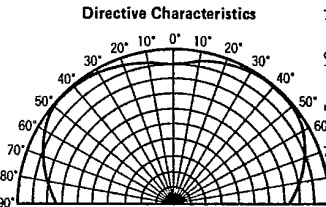
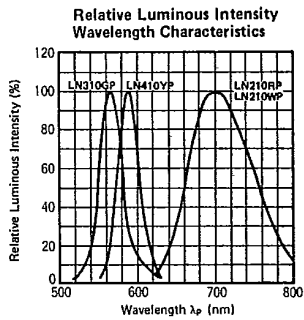
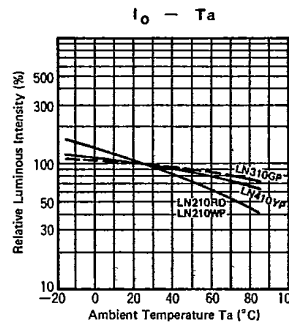
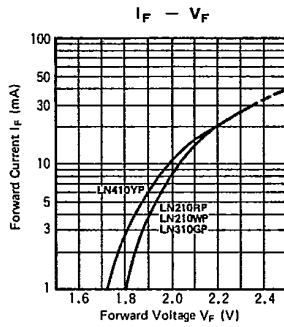
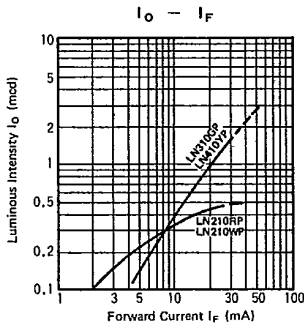
### Absolute Maximum Ratings (Ta = 25°C)

Lighting Color	P <sub>D</sub> (mW)	I <sub>F</sub> (mA)	I <sub>FM</sub> (mA)	V <sub>R</sub> (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 <sub>0</sub>			V <sub>F</sub>		λ <sub>p</sub>	Δλ <sub>p</sub>	I <sub>F</sub>	I <sub>R</sub>	
		Typ.	Min.	I <sub>F</sub>	Typ.	Max.				Max.	V <sub>R</sub>
LN210RP	Red Diffused	0.4	0.10	15	2.2	2.8	700	100	20	5	4
LN210WP	White Diffused	0.4	0.10	15	2.2	2.8	700	100	20	5	4
LN310GP	Green Diffused	1.0	0.45	20	2.2	2.8	565	30	20	10	4
LN410YP	Amber Diffused	1.0	0.40	20	2.2	2.8	590	30	20	10	4
Unit	—	mod	mod	mA	V	V	nm	nm	mA	μA	V



# Square Type

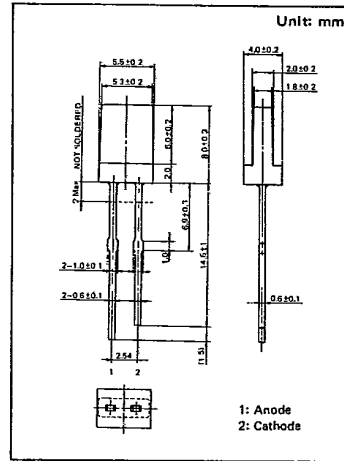
T-41-23

## 1.8mm X 5.3mm Series

- Characteristics:
1. Lighting surface 1.8mm x 5.3mm rectangle
  2. Uniform lighting surface
  3. High reliability, long life

### Absolute Maximum Ratings (Ta = 25°C)

Lighting Color	P <sub>D</sub> (mW)	I <sub>F</sub> (mA)	I <sub>FM</sub> (mA)	V <sub>R</sub> (V)	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°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 <sub>o</sub>			V <sub>F</sub>		λ <sub>p</sub>	Δλ <sub>p</sub>	I <sub>F</sub>	I <sub>R</sub>	
		Typ.	Min.	I <sub>F</sub>	Typ.	Max.				Max.	V <sub>R</sub>
LN217RP	Red Diffused	0.6	0.3	15	2.2	2.8	700	100	20	5	4
LN317GP	Green Diffused	1.5	0.4	20	2.2	2.8	565	30	20	10	4
LN417YP	Amber Diffused	1.5	0.6	20	2.2	2.8	590	30	20	10	4
Unit	—	mod	mod	mA	V	V	nm	nm	mA	μA	V

