



**Round-Top View Type**

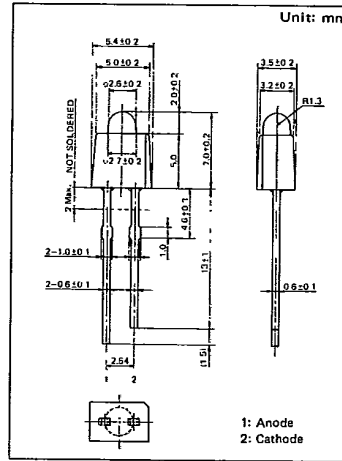
T-41-23

# Round-Top View 2.6mm Series

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

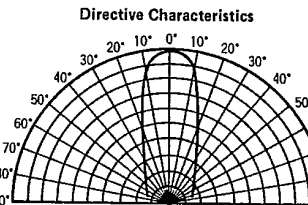
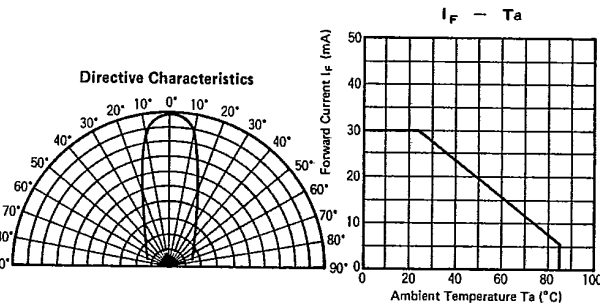
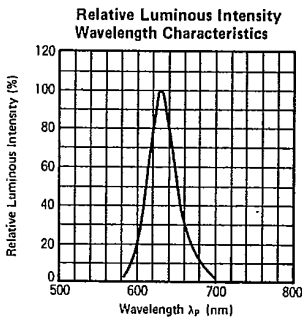
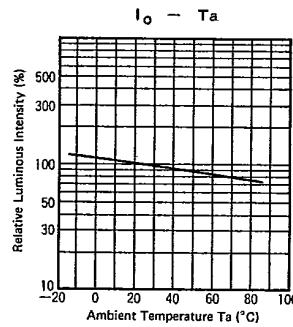
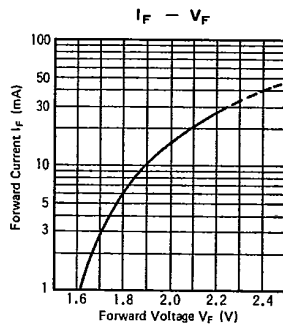
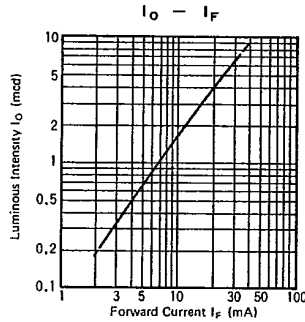
**Absolute Maximum Ratings (Ta = 25°C)**

Lighting Color	P <sub>D</sub> (mW)	I <sub>F</sub> (mA)	I <sub>FM</sub> (mA)	V <sub>R</sub> (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 <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.	Typ.	Typ.		Max.	V <sub>R</sub>
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





# Square Type

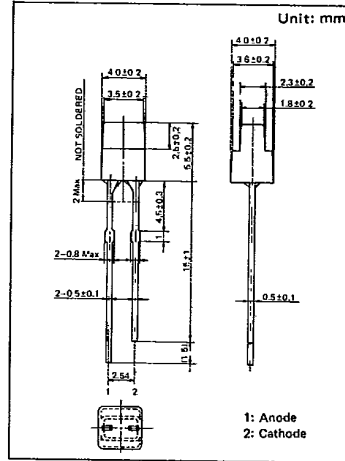
T-41-23

## 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

