

T-1(3 mm) Round Shape LED

264-7xx Series

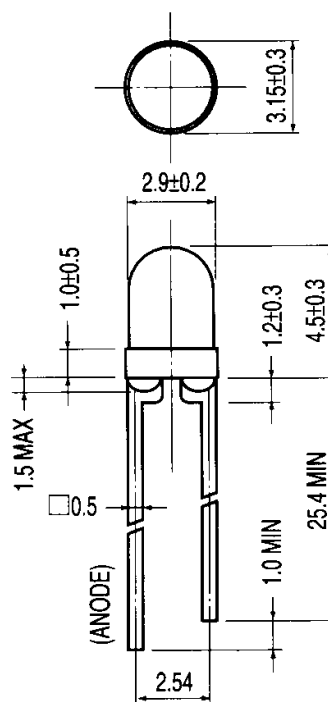
Features:

- SMALL FLANGE WITH STAND-OFF.
- LONG LIFE-SOLID STATE RELIABILITY.
- LONG LEAD LENGTH (25.4mm).

Descriptions:

- The shape of this series is round.
- General application is for indication, illumination, etc.
- These LED lamps are available with a choice of different colors, light intensities, epoxy colors, etc.

Package Dimensions:



NOTES:

1. All dimensions are in millimeters.
2. An epoxy meniscus may extend about 1.5mm (0.059") down the lead.

Selection Guide

MODEL	MATERIAL	LENS COLOR	EMITTED COLOR
EL-264-7HD	GaP	Red Diffused	Bright Red
EL-264-7ID	GaAsP/GaP	Red Diffused	Hi-Eff Red
EL-264-7GD	GaP	Green Diffused	Green
EL-264-7YD	GaAsP/GaP	Yellow Diffused	Yellow
EL-264-7AD	GaAsP/GaP	Amber Diffused	Amber
EL-264-7HT	GaP	Red Trans.	Bright Red
EL-264-7IT	GaAsP/GaP	Red Trans.	Hi-Eff Red
EL-264-7GT	GaP	Green Trans.	Green
EL-264-7YT	GaAsP/GaP	Yellow Trans.	Yellow

Absolute Maximum Ratings at Ta=25°C

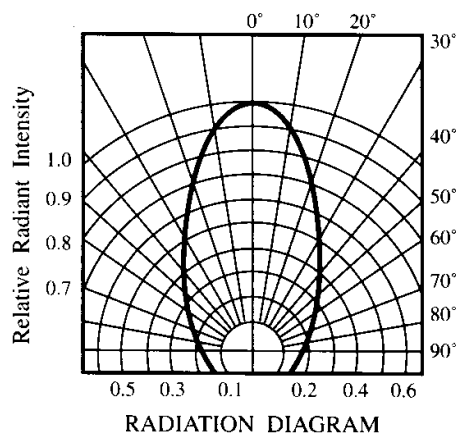
PARAMETER	BRIGHT RED	HI.EFF. RED ORANGE	GREEN	YELLOW	AMBER	UNIT
Power Dissipation	45	100	100	85	85	mW
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	50	160	160	160	160	mA
Continuous Forward Current	15	30	30	20	20	mA
Reverse Voltage	5	5	5	5	5	V
Operating Temperature Range	-40°C to -85°C					
Storage Temperature Range	-40°C to 100°C					
Lead Soldering Temperature [1.6mm(0.063in)From Body]	260°C for 5 seconds					

Optical/Electrical Characteristics at Ta=25°C

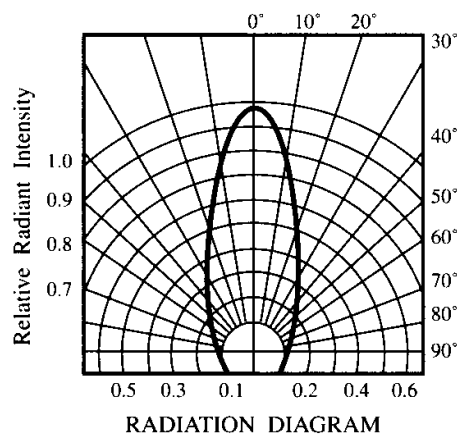
MODEL	λp	ELECTRO-OPTICAL CHARACTERISTICS (At 10mA)					VIEWING ANGLE 2 θ 1/2
		Vf(V)			Iv(mcd)		
		Min.	Typ.	Max.	Min.	Typ.	(deg)
EL-264-7HD	697	1.7	2.1	2.8	1.6	2.8	60
EL-264-7ID	635	1.7	2.0	2.8	4.0	6.3	60
EL-264-7GD	565	1.7	2.1	2.8	6.3	10	60
EL-264-7YD	585	1.7	2.0	2.8	6.3	10	60
EL-264-7AD	600	1.7	2.0	2.8	6.3	1.0	60
EL-264-7HT	697	1.7	2.1	2.8	2.0	4.0	40
EL-264-7IT	635	1.7	2.0	2.8	10	16	40
EL-264-7GT	565	1.7	2.1	2.8	16	25	40
EL-264-7YT	585	1.7	2.0	2.8	10	16	40

Viewing Angle:

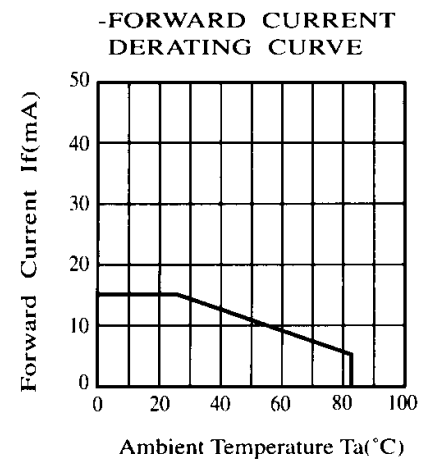
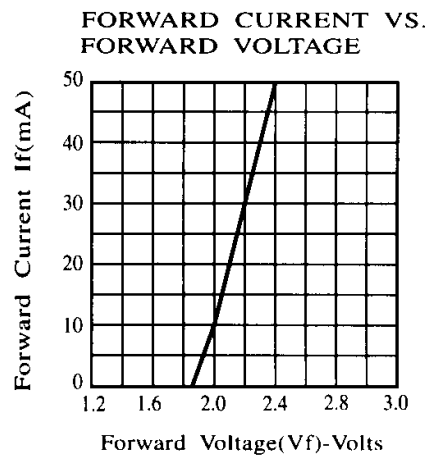
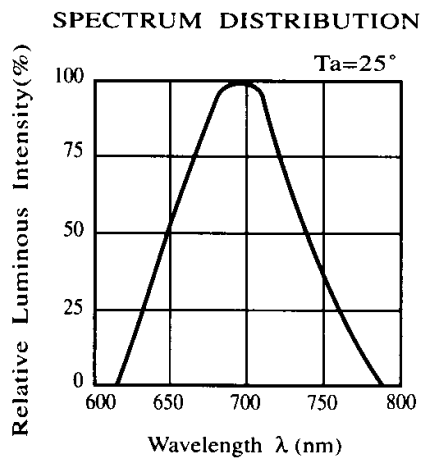
60°



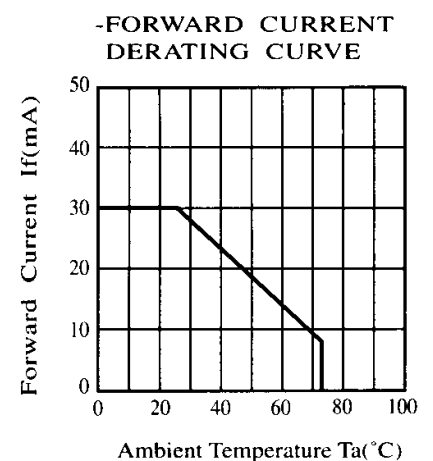
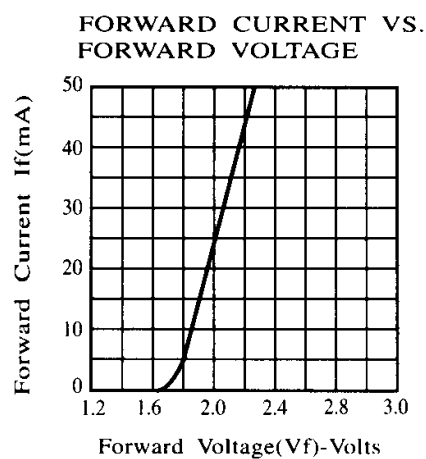
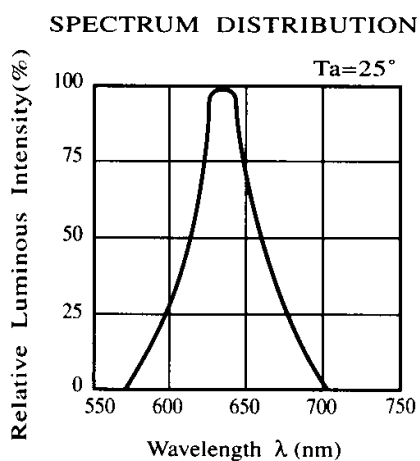
40°



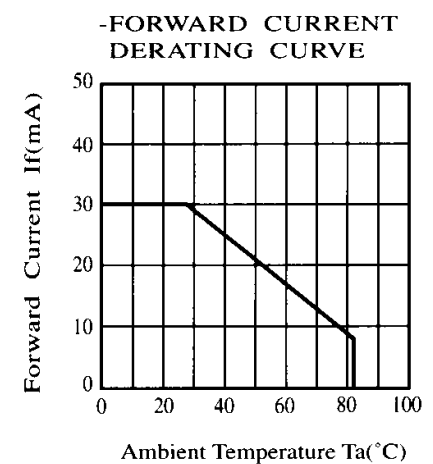
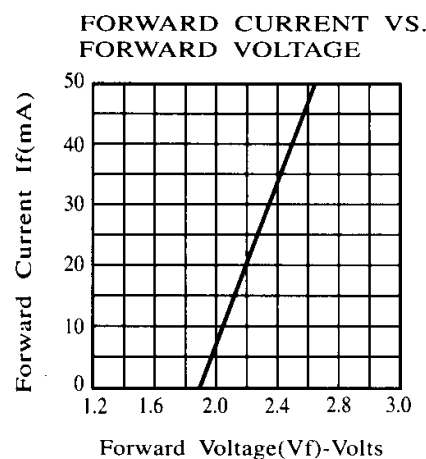
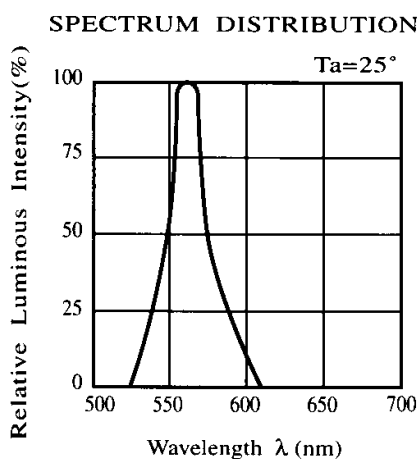
264-7HD Series:



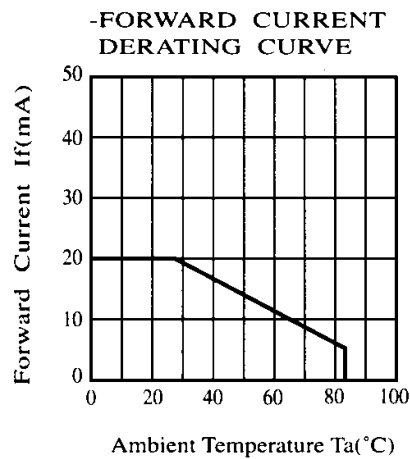
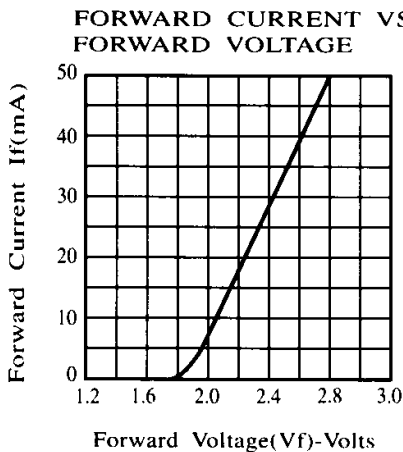
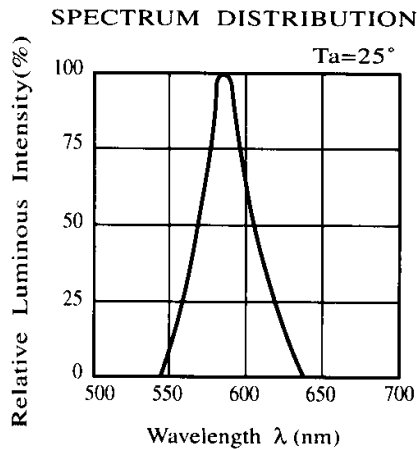
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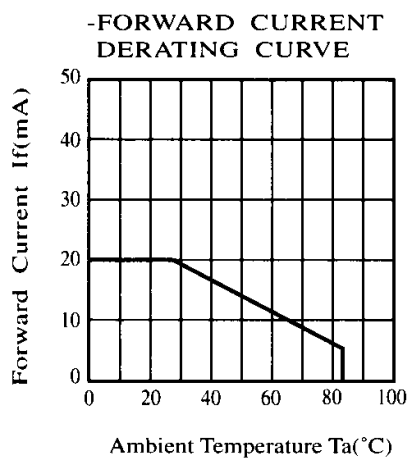
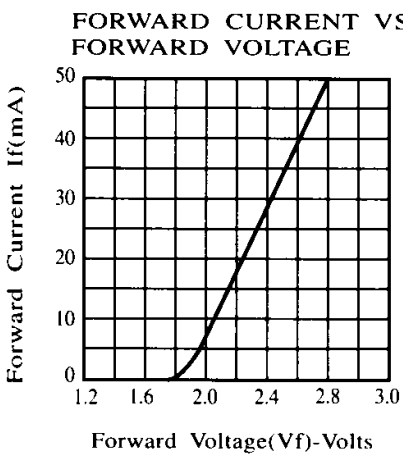
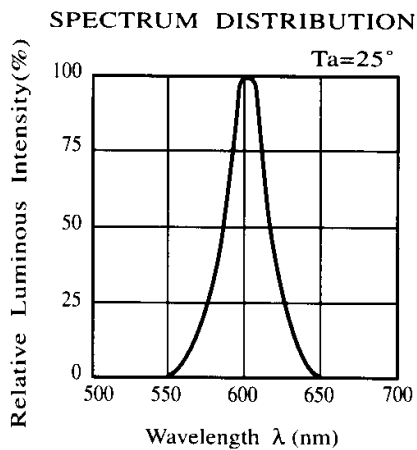
264-7GD Series:



264-7YD Series:



264-7AD Series:



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