

LNx998CKBDA

Round Type

φ3.0 mm

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

Parameter	Symbol	Rating	Unit
Power dissipation	P_D	120	mW
Forward current	I_F	30	mA
Pulse forward current *	I_{FP}	100	mA
Reverse voltage	V_R	5	V
Operating ambient temperature	T_{opr}	-25 to +85	$^\circ\text{C}$
Storage temperature	T_{stg}	-30 to +100	$^\circ\text{C}$

Note) *: The condition of I_{FP} is duty 10%, Pulse width 10 msec.

■ Lighting Color

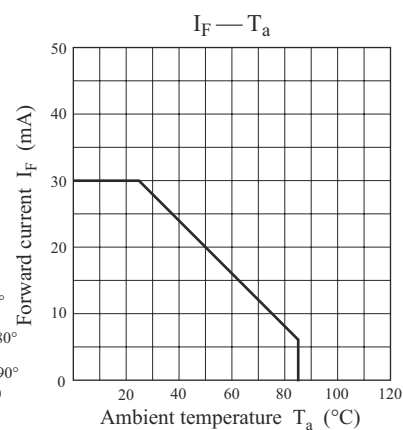
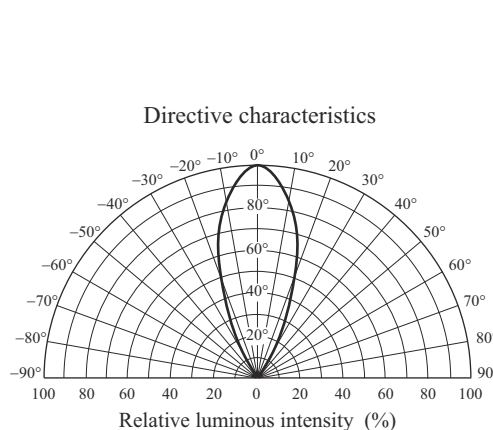
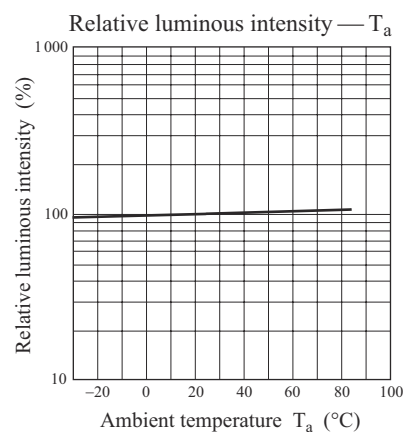
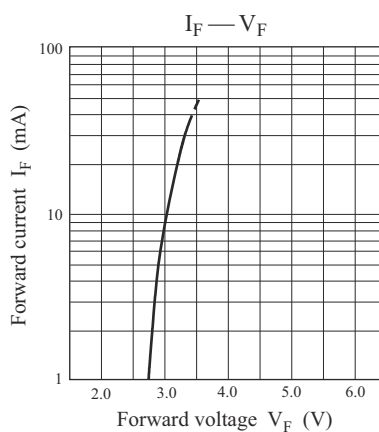
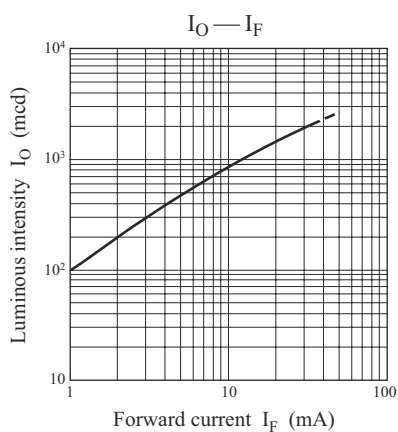
- Blue

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

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity *1	I_O	$I_F = 20\text{ mA}$	600	1 500	3 000	mcd
Reverse current	I_R	$V_R = 5\text{ V}$			10	μA
Forward voltage	V_F	$I_F = 20\text{ mA}$		3.2	4.0	V
Dominant emission wavelength *2	λ_d	$I_F = 20\text{ mA}$	455.0	457.5	460.0	nm

Note) *1: Measurement tolerance: $\pm 20\%$

*2: Measurement tolerance: $\pm 2\text{ nm}$



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