

# Surface Mounting Chip LED

## TSS Bi-Color Type

Conventional Part No. Global Part No. Lighting Color  
 LNJ115W88RA ..... LNJ115W88RA ..... Green / Amber  
 LNJ115W8VRA ..... LNJ115W8VRA ..... Pure Green / Soft Orange  
 LNJ115W8HRAS ..... LNJ115W8HRAS ..... Blue / Red

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

Lighting Color	$P_D$ (mW)	$I_F$ (mA)	$I_{FP}$ (mA)*	$V_R$ (V)	$T_{opr}$ ( $^\circ\text{C}$ )	$T_{stg}$ ( $^\circ\text{C}$ )
Green	60	20	60	4	-30 ~ +85	-40 ~ +100
Amber	60	20	60	3	-30 ~ +85	-40 ~ +100
Pure Green	40	10	50	5	-30 ~ +85	-40 ~ +100
Soft Orange	55	20	60	4	-30 ~ +85	-40 ~ +100
Blue	40	10	50	5	-30 ~ +85	-40 ~ +100
Red	60	20	60	3	-30 ~ +85	-40 ~ +100

$I_{FP}$ の条件は  $\text{duty } 10\%$  Pulse width 1 msec. The condition of  $I_{FP}$  is duty 10%, Pulse width 1 msec

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

Conventional Part No.	Lighting Color	Lens Color	$I_O$			$V_F$		$\lambda_P$	$\Delta\lambda$	$I_F$	$I_R$	
			Typ	Min	$I_F$	Typ	Max	Typ	Typ		Max	$V_R$
LNJ115W88RA	Green	White Diffused	5.0	1.8	10	1.9	2.03	565	30	10	10	4
	Amber	White Diffused	21	7	10	1.95	2.5	595	20	10	100	4
LNJ115W8VRA	Pure Green	White Diffused	34	10.3	5	3.0	3.7	525	45	5	10	5
	Soft Orange	White Diffused	21	7	10	1.95	2.5	615	20	10	100	4
LNJ115W8HRAS	Blue	White Diffused	8.5	3.2	5	3.2	3.7	470	30	—	—	—
	Red	White Diffused	6.7	2.2	10	1.72	2.5	655	20	10	100	3
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	$\mu\text{A}$	V

