



## V3057 Specifications

3.0 mm x 5.7 mm x 0.8 mm surface-mount LED

### Product Performance Metrics (Ta=25°C)

Item	Symbol	Largest Value	Unit
Forward voltage	$V_F$	Min 3.1-Max 3.6	V
Max forward current	$I_F$	150	mA
Power consumption	$P_o$	510	mW
Peak forward current *	$I_{FP}$	250	mA

\*Pulse frequency  $\leq 0.1$  msec, duty cycle  $\leq 1/10$

### Optoelectronic Parameters (Ta=25°C) for violet chip (95+ CRI)

Item		Symbol	Min	Typical	Max	Unit
Luminous flux	4000	$\Phi$	26	----	30	lm
	5600	$\Phi$	28	----	32	lm
HP Angle*		$2\theta_{1/2}$	----	120	----	Deg
Color Temp	4000	CCT	3700	4000	4300	K
	5600	CCT	5300	5600	5900	K

Note: \*Half-power emission angle is calculated as  $\theta_{1/2}$ , where  $2\theta_{1/2} = \theta_{1/2} + \theta_{1/2}$

