

3.5*2.8*1.9mm SMD LED

 MODEL NO.: IE-35UY28-34/J8

Absolute maximum ratings (T_A=25°C)						
Parameter	Symbol	Value			Unit	
		Y				
Power dissipation	P _d	60			mW	
Forward current	I _f	30			mA	
Reverse voltage	V _r	5			V	
Operating temperature range	T _{op}	-40~+100			°C	
Storage temperature range	T _{stg}	-40~+100			°C	
Peak pulsing current	I _{fp}	100			mA	
Electrostatic Discharge	ESD	--			V	
Electro-optical characteristics (T_A=25°C)						
Parameter	Test Condition	Symbol	Value			Unit
			Min.	Typ.	Max.	
Wavelength at peak emission	I _f =20mA	λ _{peak}	--	--	--	nm
Spectral half bandwidth	I _f =20mA	Δλ	--	20	--	nm
Dominant wavelength	I _f =20mA	λ _{dom}	588	--	598	nm
Forward voltage	I _f =20mA	V _f	1.8	2.1	2.6	V
Luminous intensity	I _f =20mA	I _v	200	600	--	mcd
Viewing angle at 50% I _v	I _f =20mA	2θ _{1/2}	--	130	--	Deg
Reverse current	V _r =5V	I _r	--	--	10	μA
NOTE: IFP Conditions:Pulse Width≤10msec. and Duty ≤1/10.						