


Selection Guide

Part No.	Dice		Lens Color	Iv(mcd)(If=20mA)			Viewing Angle (2θ ^{1/2})
	Raw Material	Emitted Color		MIN	TYP	MAX	
SE-LED520020-CW65	InGaN	White	Water Clear	20000	-	25000	20°

Absolute Maximum Ratings(Ta=25C°)

Item	Symbol	Maximum	Unit
Power Dissipation	P _D	93	mW
Peak Forward Current (1/10 Duty Cycle 0.1ms Pulse Width)	I _{FP}	100	mA
Continuous Forward Current	I _{Fmax}	30	mA
Reverse Voltage	V _R	5	V
Capacitance	C	20	pF
Operating / Storage Temperature Range	Topr / Tstg	-40°C to +85°C	

Electrical / Optical Characteristics(Ta=25C°)

Item	Symbol	Min.	Typ.	Max.	Unit	Condition
Coordinates	X	-	0.31	-	--	I _F =20mA
	Y	-	0.33	-	--	I _F =20mA
Color Temperature	C _T	6000	-	7000	K	I _F =20mA
Forward Voltage	V _F	3.00	-	3.20	V	I _F =20mA

NOTES:

- All dimensions are in millimeter(inch);
- Tolerance is ±0.25mm(0.01") especially other specified; Luminous intensity tolerance is ±10%;
- Dominant Emission Wavelength tolerance is ±5%; Specifications are subject to change without notice.