



◆ **ABSOLUTE MAXIMUM RATINGS: (T_J=25°C)**

Part No.	P _D (mW)	V _R (V)	Topr	Tstg
EP30XX-150RGB	1650	5		
PARAMETER	Power Dissipation	Reverse Voltage	Operating Temperature Range	Storage Temperature Range

◆ **ELECTRO-OPTICAL CHARACTERISTICS: (T_J=25°C)**

Part No.	V _F (V)			I _R (μA)	λ D (nm) CCT(K)	Thermal Resistance (°C/w)	2 θ 1/2 (deg)	Intensity I _v (cd)		Total Flux (lm)
	MIN.	TYP.	MAX.	MAX.	TYP.	TYP.	TYP.	MIN.	TYP.	TYP.
EP304K-150G1R1B1	-	-	-	-	2500~8000	85	100	7.3	12.3	8.0
EP304K-150G1R1B1-L	-	-	-	-	2500~8000	85	100	7.3	12.3	8.0
RED		2.4	2.6	10				1.3	1.3	3.0
GREEN		3.6	4.2	10				4.7	8.0	3.5
BLUE		3.6	4.2	10				1.3	3.0	1.5
EP301C-150G1R1B1	-			-	2500~8000	85	60	10.2	17.5	8.0
EP301C-150G1R1B1-L	-	-	-	-	2500~8000	85	60	10.2	17.5	8.0
RED		2.4	2.6	10				2.6	4.0	3.0
GREEN		3.6	4.2	10				6.3	10	3.5
BLUE		3.6	4.2	10				1.3	3.5	1.5
TEST CONDITION	I _F =150 mA			V _R =5 V	I _F =150 mA	R θ _{J-BOARD}	I _F =150 mA	I _F =150 mA	I _F =150 mA	I _F =150 mA

1. All dimensions are in millimeters.
2. Tolerance is ± 0.25 mm unless otherwise specified.
3. LED Operating required anti-electrostatic devices in all equipment, machinery, and manual assembly.
4. A EP30XX-150RGB must be mounted on 25.4*25.4 Aluminum-core PCB before being illuminated. Target T_J-b Less then 55°C