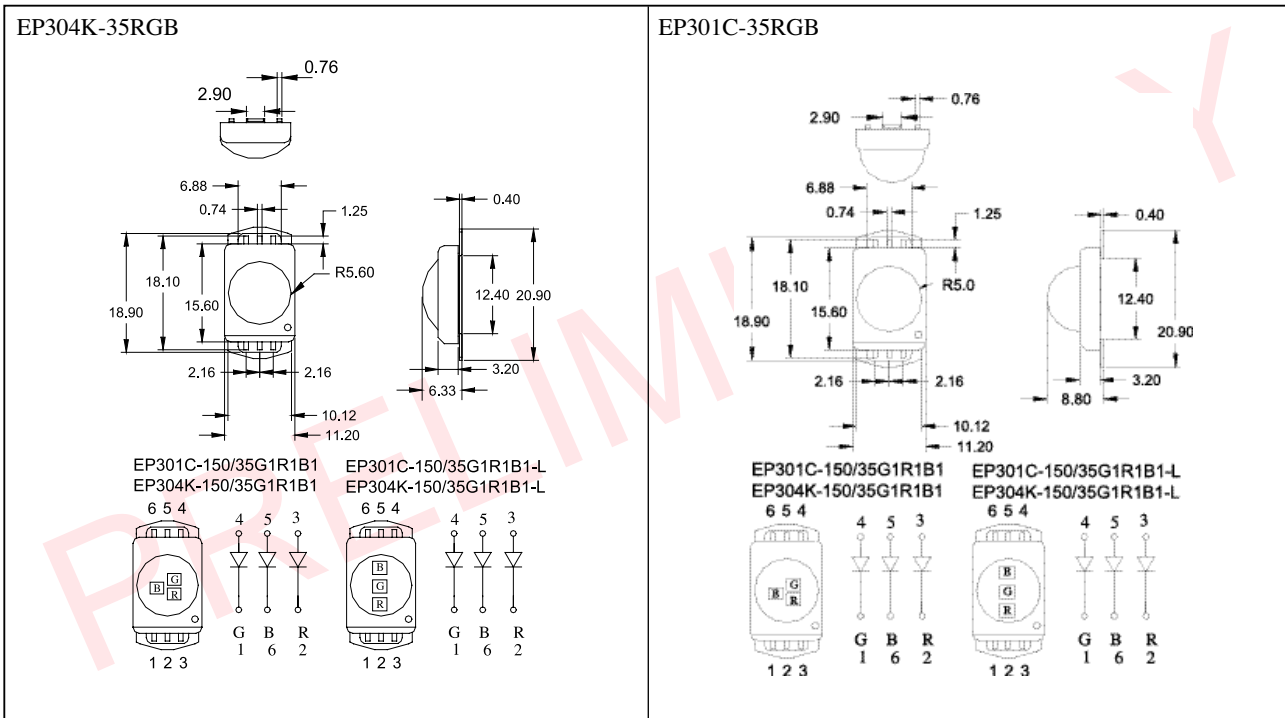


EP30XX-35RGB Enhanced Power LED



◆ABSOLUTE MAXIMUM RATINGS: (T_J=25°C)

Part No.	P _D (mW)	V _R (V)	Topr	Tstg
EP30XX-35RGB	216	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)	2θ 1/2 (deg)	Intensity I _v (cd)			Total Flux (lm)	
	MIN.	TYP.	MAX.	MAX.	TYP.	TYP.	TYP.	MIN.	TYP.	TYP.	TYP.	TYP.
EP304K-35G1R1B1	-	-	-	10	2500~8000	36	100	2.6	3.6	4.6	1.4	2.5
EP304K-35G1R1B1-L	-	-	-	10	2500~8000	36	100	2.6	3.6	4.6	1.4	2.5
RED	-	2.2	2.5	10	-	-	-	0.53	0.8	1.0	-	-
GREEN	-	3.5	4.0	10	-	-	-	1.3	2.4	3.0	-	-
BLUE	-	3.5	4.0	10	-	-	-	0.29	0.4	0.6	-	-
EP301C-35G1R1B1	-	-	-	10	2500~8000	36	100	2.6	3.6	4.5	1.4	2.5
EP301C-35G1R1B1-L	-	-	-	10	2500~8000	36	100	2.6	3.6	4.5	1.4	2.5
RED	-	2.2	4.0	10	-	-	-	0.94	1.6	1.9	-	-
GREEN	-	3.5	4.0	10	-	-	-	2.6	4.0	4.7	-	-
BLUE	-	3.5	2.5	10	-	-	-	0.39	0.7	0.83	-	-
TEST CONDITION	I _F =20 mA			V _R =5 V	I _F =20 mA	RθJ-PCB-AIR	I _F =20 mA	I _F =20 mA	I _F =35 mA	I _F =20 mA	I _F =35 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. Convective IR reflow soldering.