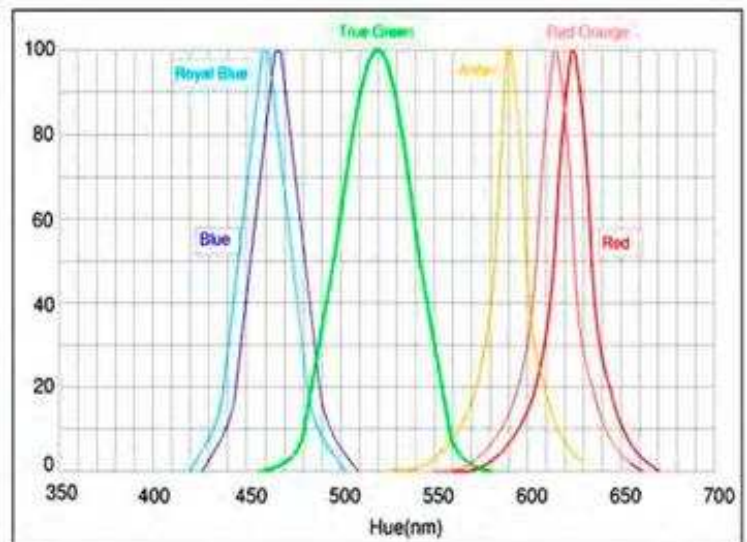
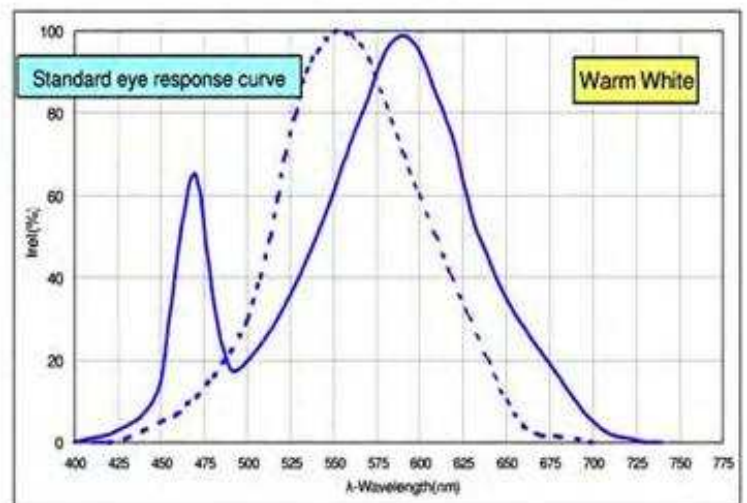
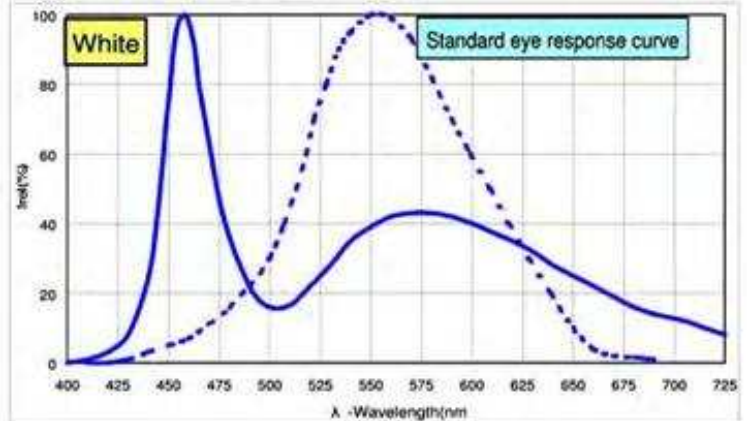


ESD Sensitivity test:

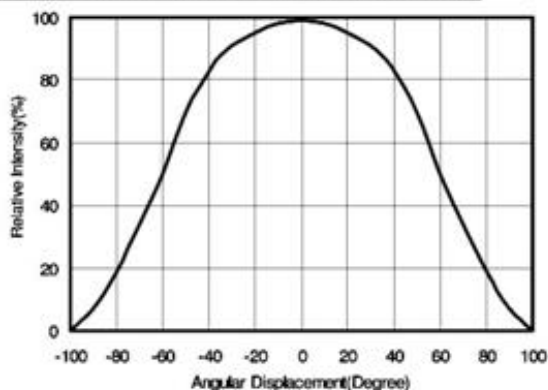
Part No.	EDEx-1xAx
Test Quantity	Each 10 pcs
Test Item	ESD-HBM
Test Method	MIL-STD-883E Method 3015.7
Class I	0V ~ 1,999V
Class II	2,000V ~ 3,999V
Class III	4,000V ~ to above
Failure Criteria	$IR > 5 \mu A @ V_R = 5V$
Test Voltage	-100 ~ -500V , Step: -100V -500 ~ -8,000V , Step: -500V
Test Date	18-Mar-05
Test Equipment	Keytek Zapmaster
Test Environmental	25°C ± 5°C, 55% ± 10%RH

Sample	Voltage(V)		MIL-STD
	Forward	Reverse	
Lambertian	Pass	Pass	Class III
Side emitting	Pass	Pass	Class III
Batwing	Pass	>500	--
Focusing	Pass	>500	--

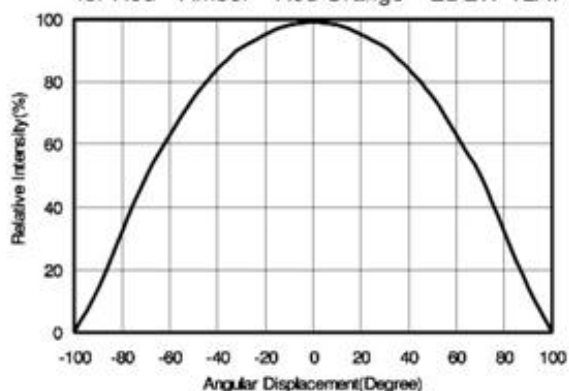
Electrical & Optical Curves-Spectrum



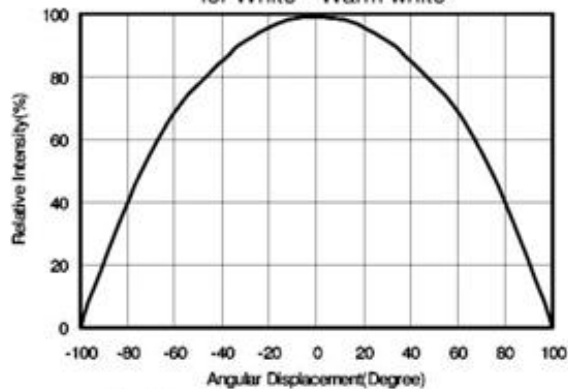
Typical Radiation Pattern for Lambertian



for Red · Amber · Red Orange · EDEW-1LA7

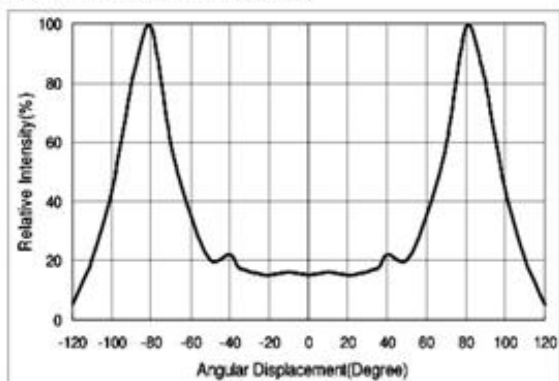


for White · Warm white

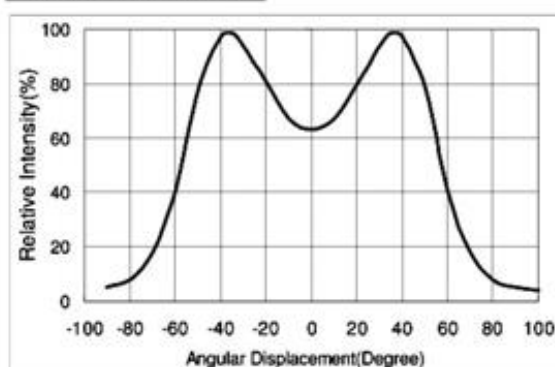


for Blue · Royal Blue · True Green

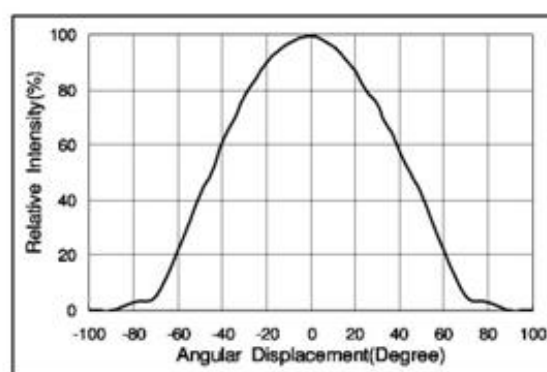
Side Emitting (for all colors)



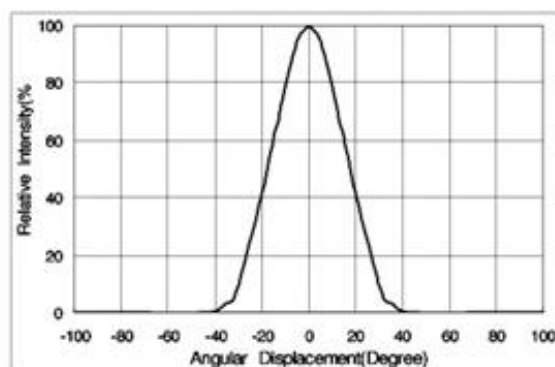
Batwing (for all colors)



Focusing



for White · Warm White



for Blue · Royal Blue · True Green
 Red · Red Orange · Amber

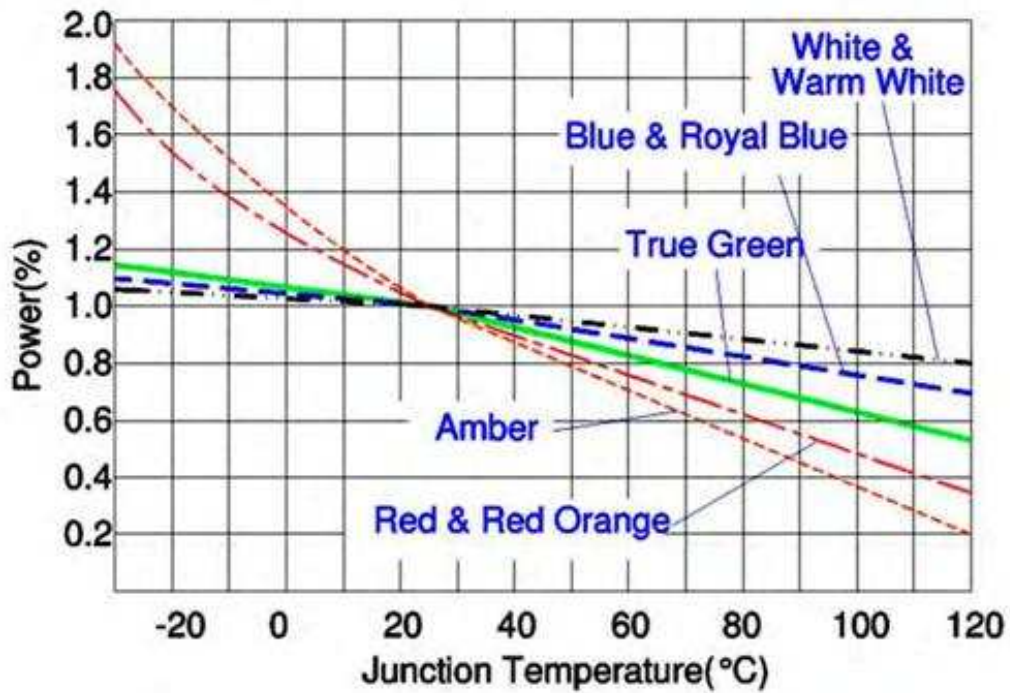
Available Ray Data List

1W Edixeon®	Provide Ray source file type	Red	Blue	True Green	White
Lambertian	From ASAP (*.DIS)	☉	△	△	△
	From Trace Pro (*.DAT)	☉	☉	☉	☉
	From Radiant Image (*.RSM)	☉	△	△	△
Batwing	From ASAP (*.DIS)	☉	☉	△	△
	From Trace Pro (*.DAT)	☉	☉	☉	☉
	From Radiant Image (*.RSM)	△	△	△	△
Side emitting	From ASAP (*.DIS)	△	△	△	△
	From Trace Pro (*.DAT)	☉	☉	☉	☉
	From Radiant Image (*.RSM)	△	△	△	△
Focusing	From ASAP (*.DIS)	△	△	△	△
	From Trace Pro (*.DAT)	△	△	△	△
	From Radiant Image (*.RSM)	△	△	△	△

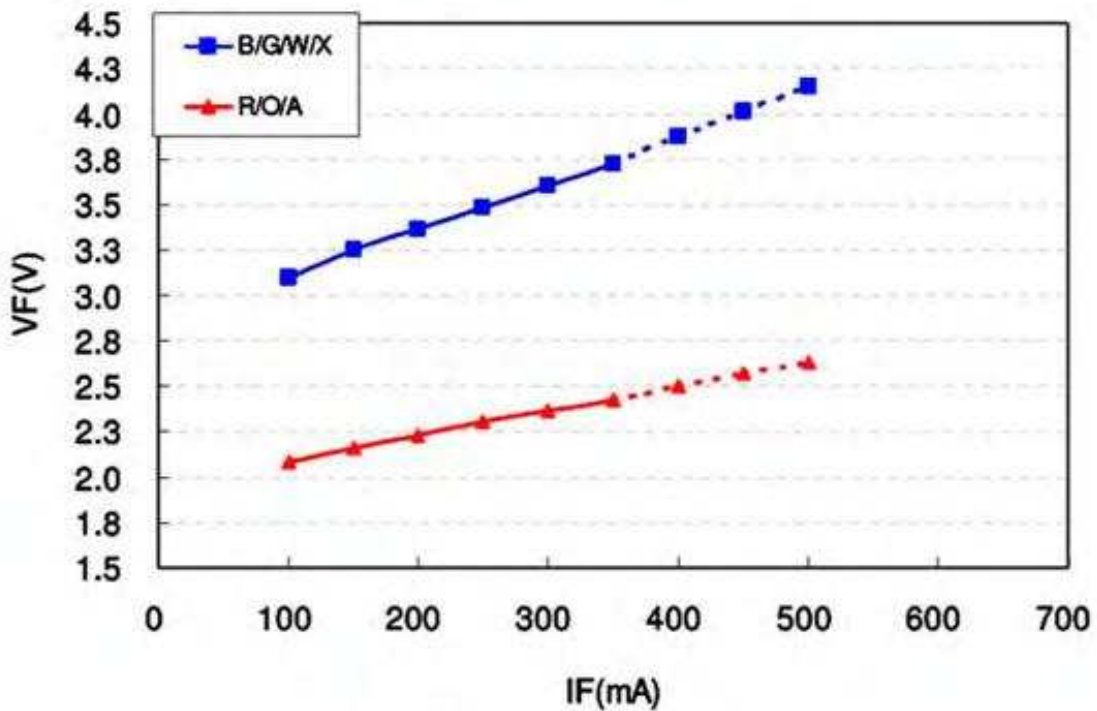
Note:

1. "☉" → Ready
2. "△" → Not ready

Typical Optical and Electrical Curves



Junction Temperature & Forward Voltage



Operating Current & Forward Voltage