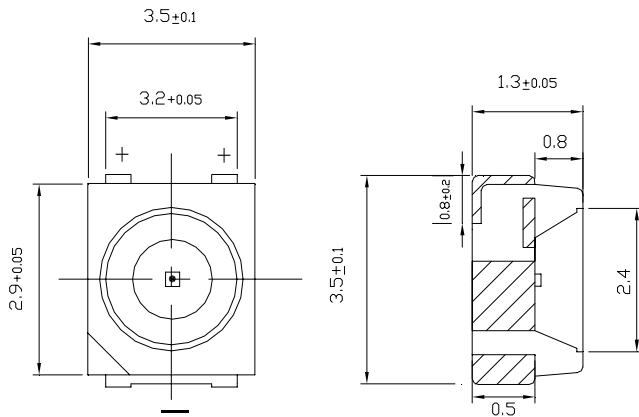


Device Selection Guide

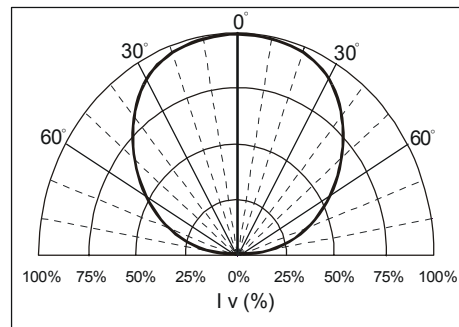
Part Number EOS-	Luminous Intensity Iv(mcd) @ I _F = 50mA		Viewing Angle 2θ _{1/2}	Chromaticity @ I _F = 50 mA		Forward Voltage V _F (V) @ I _F = 50 mA		I _R (μA) @ V _R = 5V
	Min.	Typ.	Typ.	X(Typ.)	Y(Typ.)	Typ.	Max.	Max.
EOS-9BWYPR0-EG	1800	2400	120°	0.31	0.32	3.95	4.25	10

BIN #	4X	5X	4Y
Intensity (mcd) @ I _F =50mA	1800-2240	2240-2850	2850-3550

Package Dimensions



Beam Pattern



Note:

- All dimensions are in millimeter.
- Tolerance is ±0.20mm unless otherwise note.
- Specifications are subject to be changed without notice.

Absolute Maximum Ratings at T_A = 25°C

Parameter	Symbol	Maximum Value	USER---APPROVED
Average Forward Current	I _F	50mA	
Peak Forward Current ^[a]	I _{peak}	200mA	
Reverse Voltage	V _R	5V	
Power Dissipation	P _D	212.5mW	
Operating Temperature Range	T _{OPR}	-40°C ~ + 85°C	
Storage Temperature Range	T _{STO}	-40°C ~ + 100°C	
Lead Soldering Temperature	T _{SOL}	260°C / 5 seconds	

Notes: [a] t_p ≤ 10 μs, Duty Cycle = 0.005

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