ZW360A-646

Data	Spec Number
2003/4/29	S-646-00

Device Selection Guide

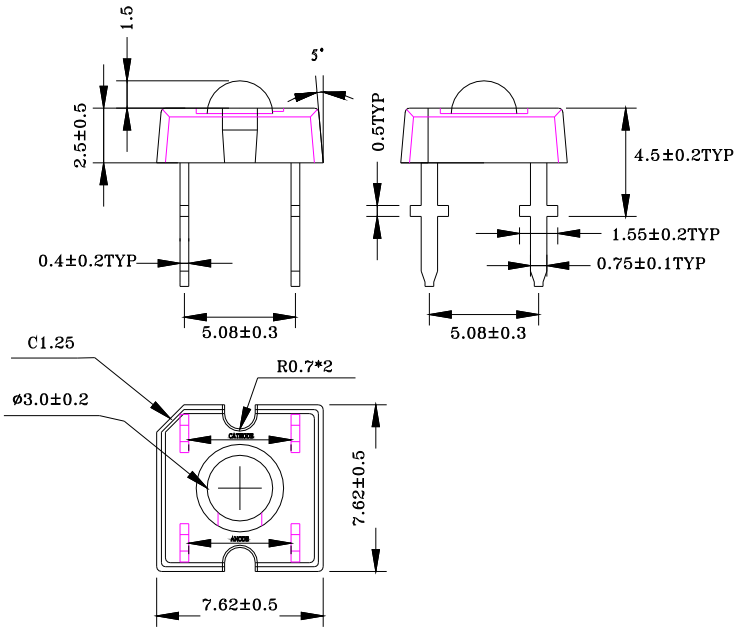
PRELIMINARY 2

Part Number	Total Flux Φ_V(mlm) @ I_F = 50 mA		Viewing Angle $2\theta_{1/2}$ @ I_F = 50 mA	Chromaticity @ I_F = 50 mA		V_F @ I_F = 50 mA		I_R(μA) @ V_R = 5V
	Min.	Typ.	Typ.	X(Typ.)	Y(Typ.)	Typ.	Max.	Max.
ZW360A-646	1430	2500	60°	0.31	0.32	4.0	4.6	100

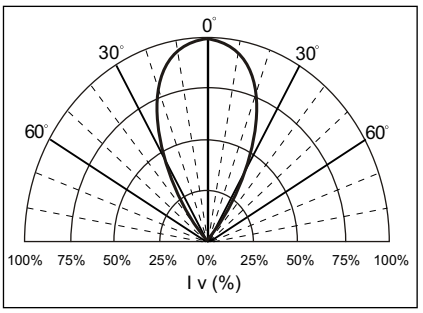
BIN#	C	D	E		
Total Flux(mlm) @ I_F = 50 mA	1430-2000	2000-2750	2750-3850		

Notes: [1] Tolerance Value of Φv ± 15%.

Package Dimensions



Beam Pattern



Note:

- All dimensions are in millimeter (mm).
- Unspecified tolerance: ± 0.20mm.
- Protruded resin 1.5mm max.
- Lead spacing is measured where the leads emerge form the package
- Specifications are subject to change without notice.

Absolute Maximum Ratings at T_A = 25℃

Parameter	Symbol		*USER---APPROVED*
DC Forward Current	I_f	50mA	
Reverse Voltage	V_r	5V	
Power Dissipation	P_D	230mW	
Operating Temperature Range	T_{opr}	-40℃ to + 85℃	
Storage Temperature Range	T_{sto}	-40℃ to + 100℃	
Lead Soldering Temperature	T_{sol}	260℃ for 5 Seconds	

Notes: Duty Ratio=1/10, Pulse Width=0.1 ms