

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Everlight Electronics Co Ltd](#)
[7343-2UYC/S1060](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



Technical Data Sheet

7343-2UYC/S1060

Features

- Popular T-1 3/4package.
- High efficiency.
- General purpose leads.
- Selected minimum intensities.
- Available on tape and reel.
- Pb free .



Descriptions

- The series is specially designed for applications requiring higher brightness.
- The LED lamps are available with different colors, intensities, epoxy colors ,etc.
- Superior performance in outdoor environment.

Applications

- Status indicators.
- Commercial use.
- Advertising Signs.

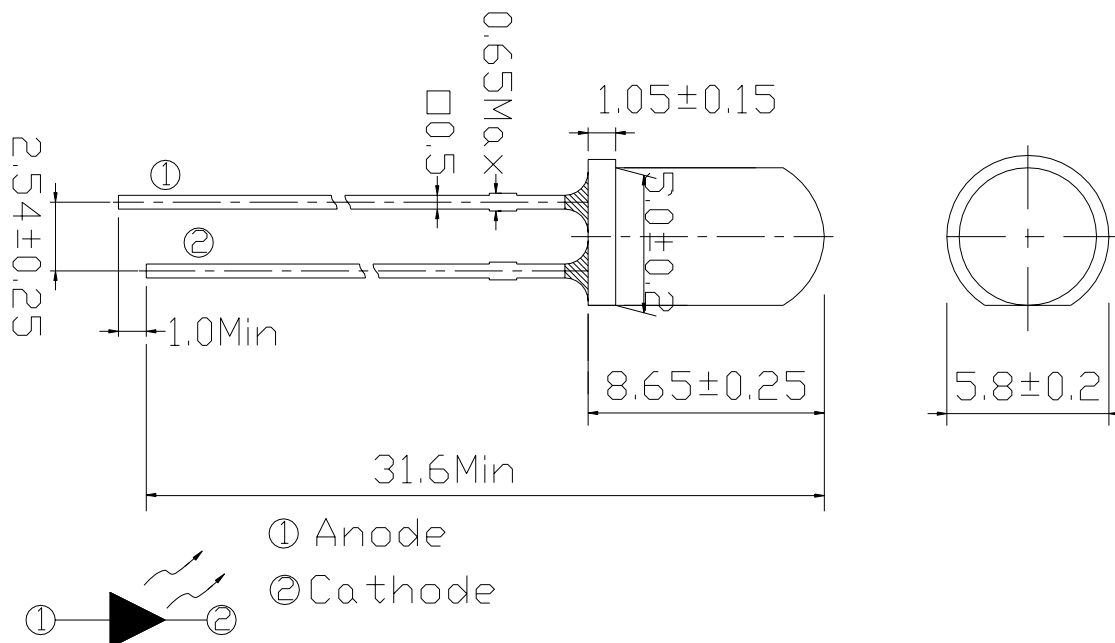
Device Selection Guide

LED Part No.	Chip		Lens Color
	Material	Emitted Color	
7343-2UYC/S1060	AlGaInP	SuperYellow	Water Clear



7343-2UYC/S1060

Package Dimensions



Notes:

- All dimensions are in millimeters, tolerance is 0.25mm except being specified.
- Lead spacing is measured where the lead emerges from the package.
- Protruded resin under flange is 1.5mm Max LED.

Absolute Maximum Ratings (Ta=25°C)

Parameter	Symbol	Rating	Units
Forward Current	I _F	50	mA
Pulse Forward Current(Duty 1/10 @ 1kHz) ^{*1}	I _{FP}	100	mA
Operating Temperature	T _{opr}	-40 ~ +85	°C
Storage Temperature	T _{stg}	-40 ~ +100	°C
LED Junction Temperature	T _{jmax}	125	°C
Electrostatic Discharge	ESD	2000	V
Soldering Temperature ^{*2}	T _{sol}	260 ±5	°C
Through-the-Wave Preheat Temperature	----	145	°C
Power Dissipation	P _d	100	mW
Reverse Voltage	V _R	5	V

Notes: *1:I_{FP} Conditions--Pulse Width ≤ 10msec and Duty ≤ 1/10.

*2:Soldering time ≤ 5 seconds.



7343-2UYC/S1060

Electro-Optical Characteristics (Ta=25°C)

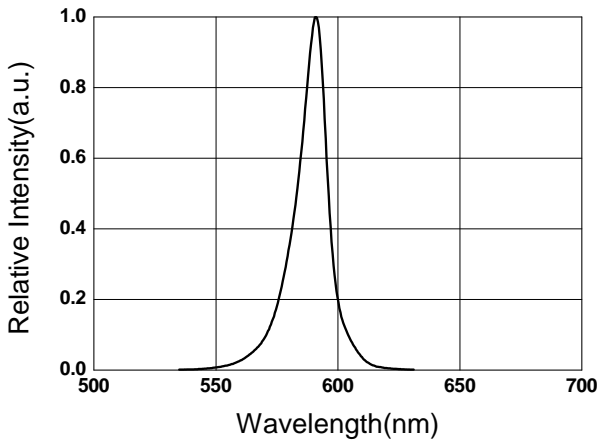
Parameter	Symbol	Condition	Min.	Typ.	Max.	Units
Forward Voltage	V_F	$I_F=20mA$	--	2.0	2.6	V
Reverse Current	I_R	$V_R=5V$	--	--	10	μA
Radiance Intensity	I_V	$I_F=20mA$	1600	2500	--	mcd
Viewing Angle	$2\theta_{1/2}$	$I_F=20mA$	--	30	--	deg
Peak Wavelength	λ_p	$I_F=20mA$	--	591	--	nm
Dominant Wavelength	λ_d	$I_F=20mA$	--	589	--	nm
Spectrum Radiation Bandwidth	$\Delta\lambda$	$I_F=20mA$	--	15	--	nm



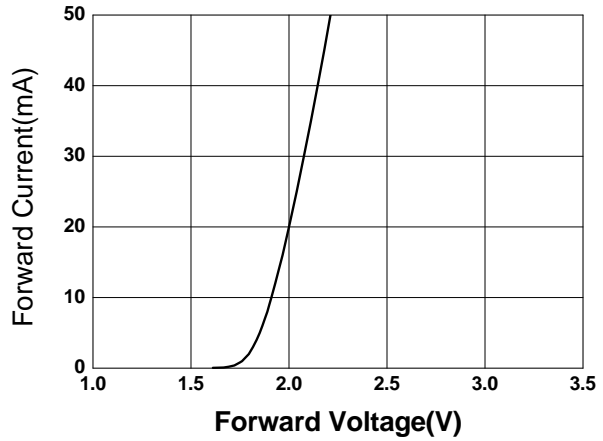
7343-2UYC/S1060

Typical Electro-Optical Characteristics Curves

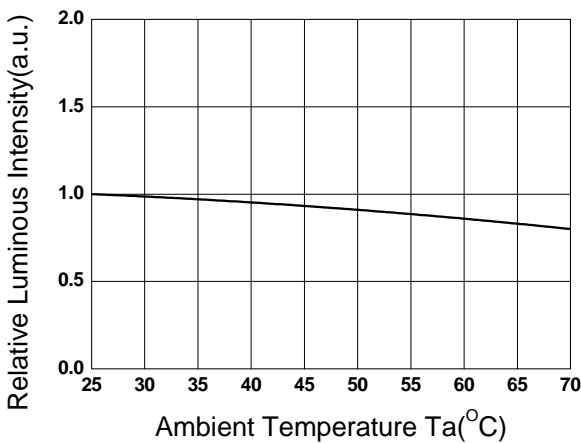
Relative Intensity vs. Wavelength



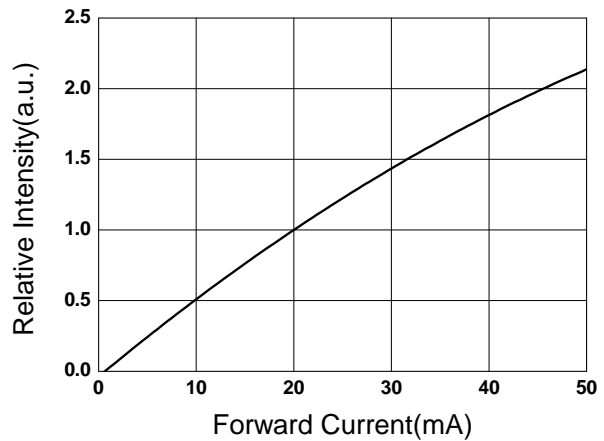
Forward Current vs. Forward Voltage



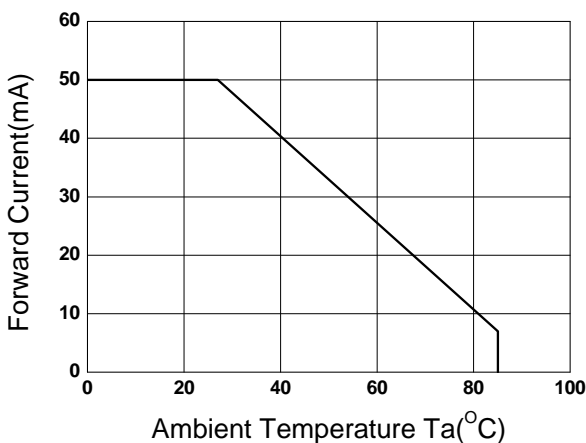
Relative Intensity vs. Ambient Temp



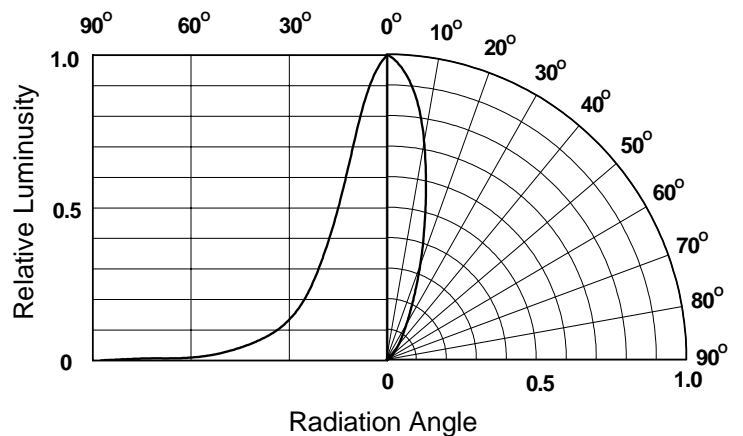
Forward Current vs. Relative Intensity



Forward Current vs. Ambient Temp



Radiation Characteristics





7343-2UYC/S1060

Packing Quantity Specification

1. 500 PCS/1 Anti ESD Bag
2. 5 Anti ESD Bags /1 Box
3. 10 Boxes/1 Carton

Label Form Specification

<div style="border: 1px solid black; width: 150px; margin: 0 auto; padding: 2px;">EVERLIGHT</div>	
CPN:	
P/N:	
7343-2UYC/S1060	
QTY :	CAT:
LOT NO :	HUE:
	REF:
MADE IN TAIWAN	

CPN: Customer's Production Number
 P/N : Production Number
 7343-2UYC/S1060:Production name
 QTY: Packing Quantity
 CAT: Ranks of Luminous and Forward Voltage
 HUE: Ranks of Dominant Wavelength
 REF: Reference
 LOT No: Lot Number
 MADE IN TAIWAN: Production Place

Notes

1. Above specification may be changed without notice. EVERLIGHT will reserve authority on material change for above specification.
2. When using this product, please observe the absolute maximum ratings and the instructions for using outlined in these specification sheets. EVERLIGHT assumes no responsibility for any damage resulting from use of the product which does not comply with the absolute maximum ratings and the instructions included in these specification sheets.
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