

# TX-2016A8VRA1-NP3CD-01

## PRODUCT SPECIFICATION

### Features:

E  
H  
N  
E

LED

2200 A.

### Chip Material:

G N

### Emitting Color:

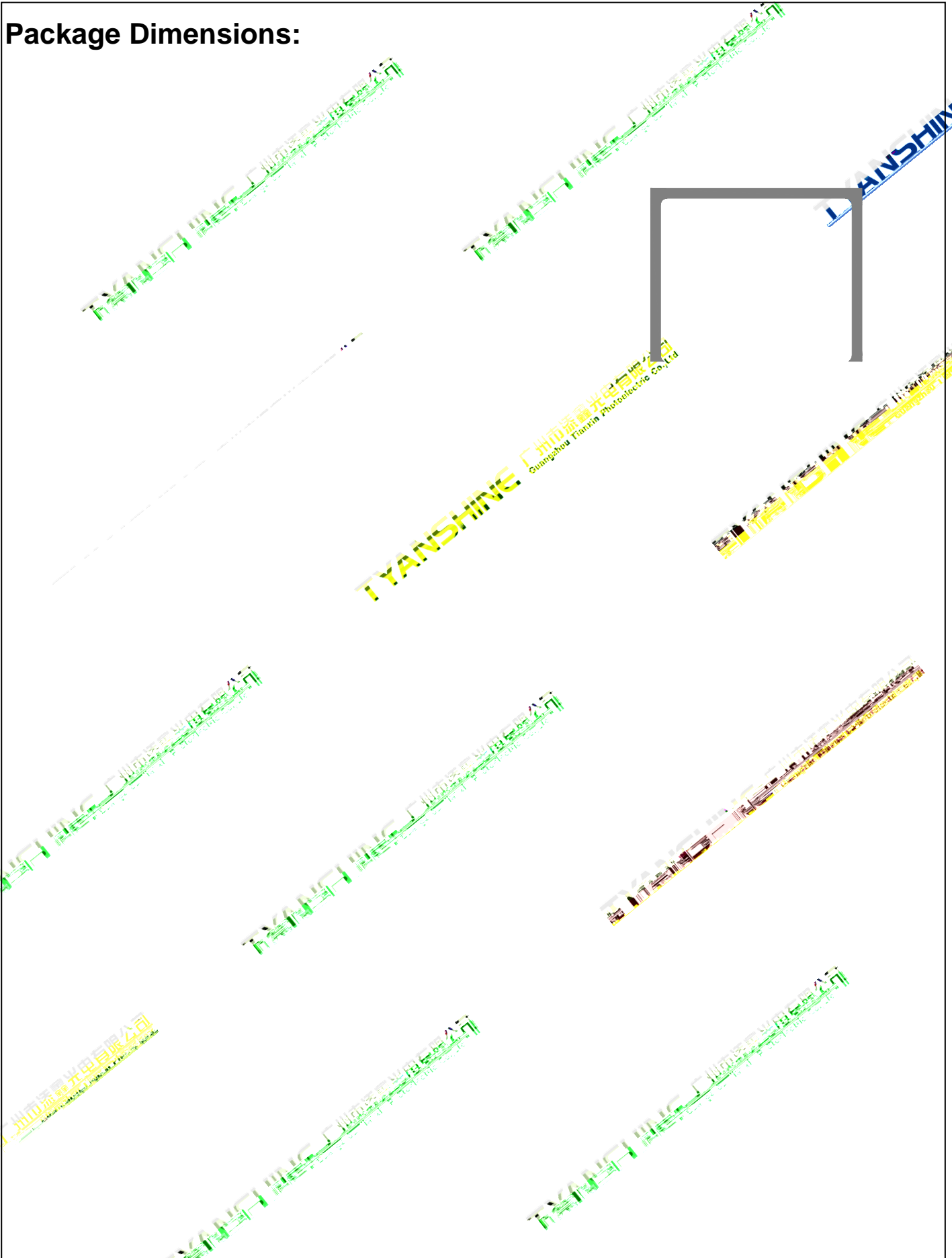
PCA (A)

### Applications:

P F  
G  
G L

P N .	-2016A8 RA1-NP3CD-01	N .	KF-EP0008	P	1	8
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Package Dimensions:



P	N .	-2016A8 RA1-NP3CD-01	N .	KF-EP0008	P	2	8
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:1.0

### Absolute Maximum Ratings (Tc=25 )

Parameter	Symbol	Ratings	Unit
F C	IF	2200	A
R	R	5	
P D	P <sub>D</sub>	8.14	
J		150	
E D (E D)	E D	E D	
		-40 +70	
O		-30 +85	

**Notes:**

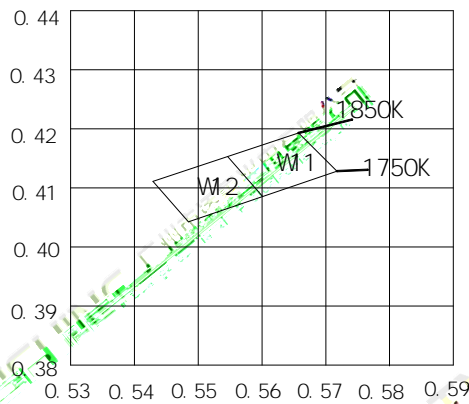
- 1.
- 2.
- 3.P E D:  
A IC HIELD E

LED. I  
LED. A

### Electrical Optical Characteristics (Tc=25°C IF=1.0A)

Parameter	Symbol	Min.	Typ.	Max.	Units
L F		170	200		
F		2.8	3.0	3.4	
C C	CC	1750	1800	1850	K
P E		590	600	610	
D		580	590	600	
L H -		13	16	19	
A 50 I	2 1/2		120		D
R C	I <sub>R</sub>			2	A
R C J	R <sub>J-C</sub>		4.5		K/
C	F/		-2.8		/

### White light Color coordinate filing (IF=1.0A )



R	CC R		1	1	2	2	3	3	4	4
	M	M								
11	1750K	1850K	0.5718	0.4130	0.5601	0.4087	0.5546	0.4154	0.5658	0.4194
12			0.5601	0.4087	0.5485	0.4044	0.5429	0.4112	0.5546	0.4154

**Notes:**

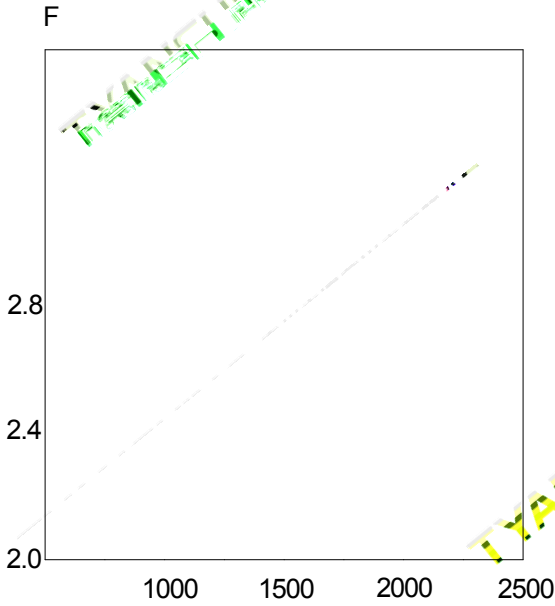
- 1.L - CIE
- 2. 1/2 -

P N .	-2016A8 RA1-NP3CD-01	N .	KF-EP0008	P	4	8
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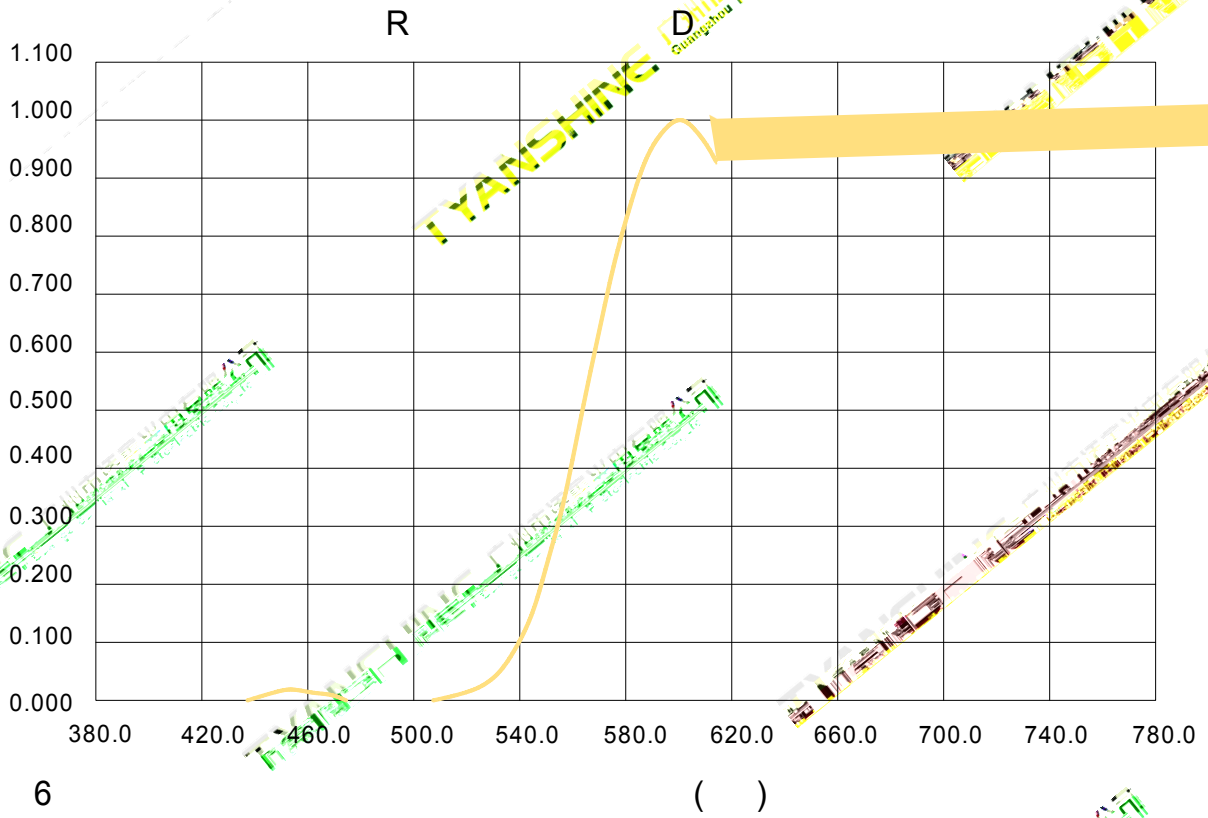
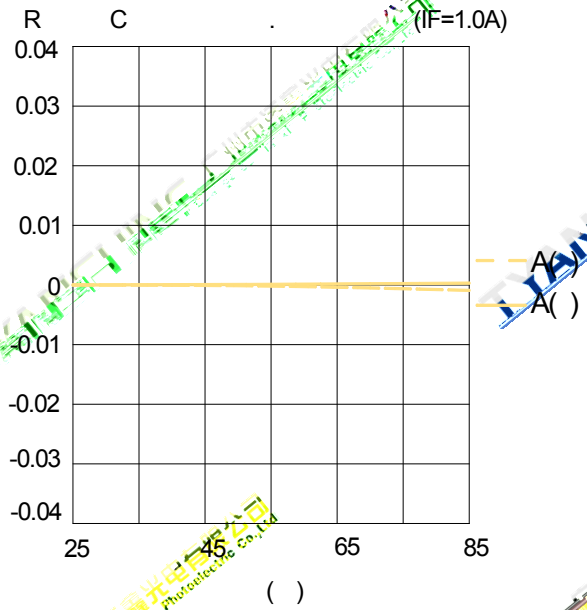
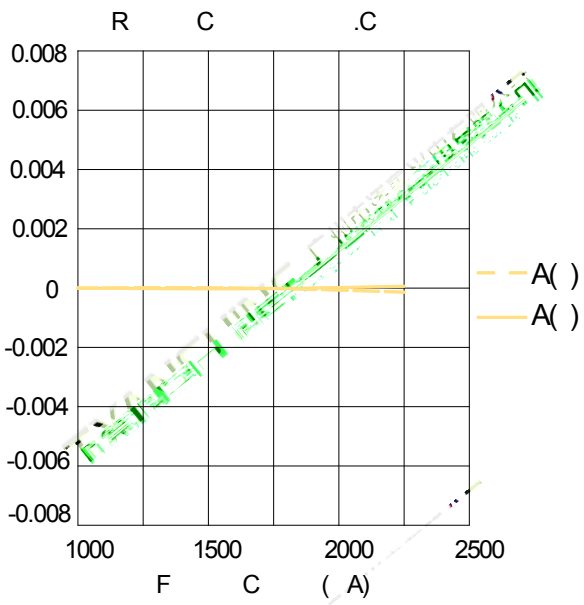
3.L : 10%.  
4.F : 0.3 .  
5.R : 2.

### Typical Electrical/Optical Characteristics Curves

(25 A O N )



P	N .	-2016A8 RA1-NP3CD-01	N .	KF-EP0008	P	5	8
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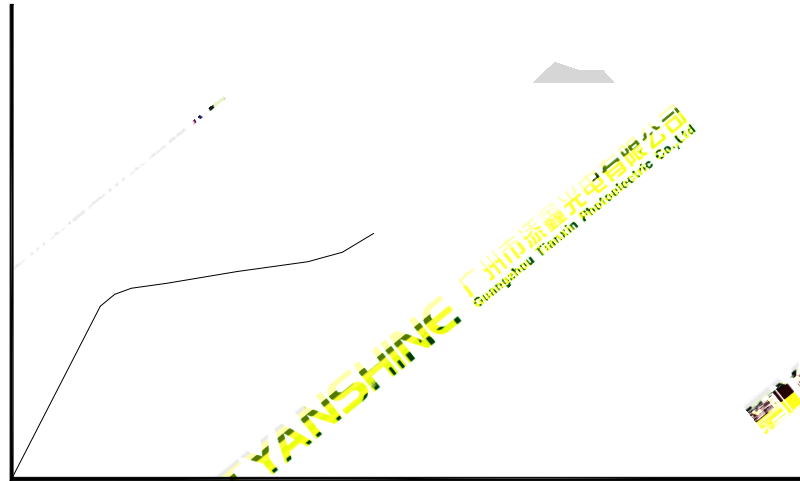
# Usage Precautions

## Storage Environment Condition

Temperature: 5 °C ~ 30 °C (41 °F ~ 86 °F)

Humidity: 60% RH Max

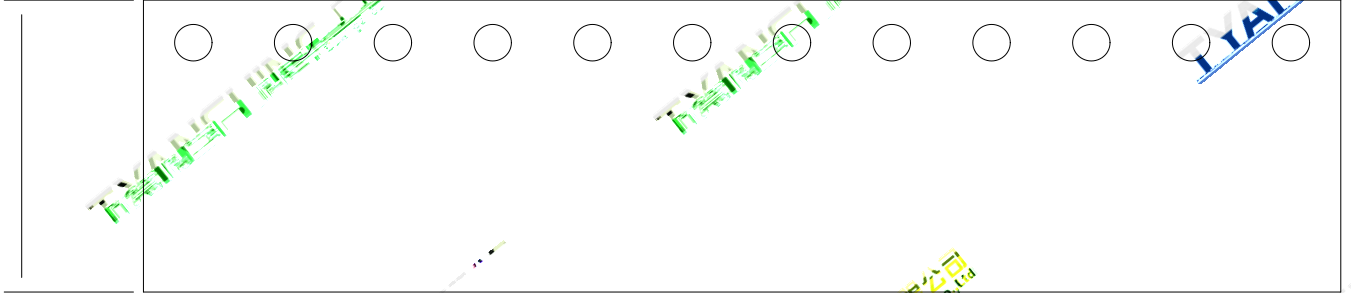
## Soldering Condition



P	N	-2016A8 RA1-NP3CD-01	N	KF-EP0008	P	7	8
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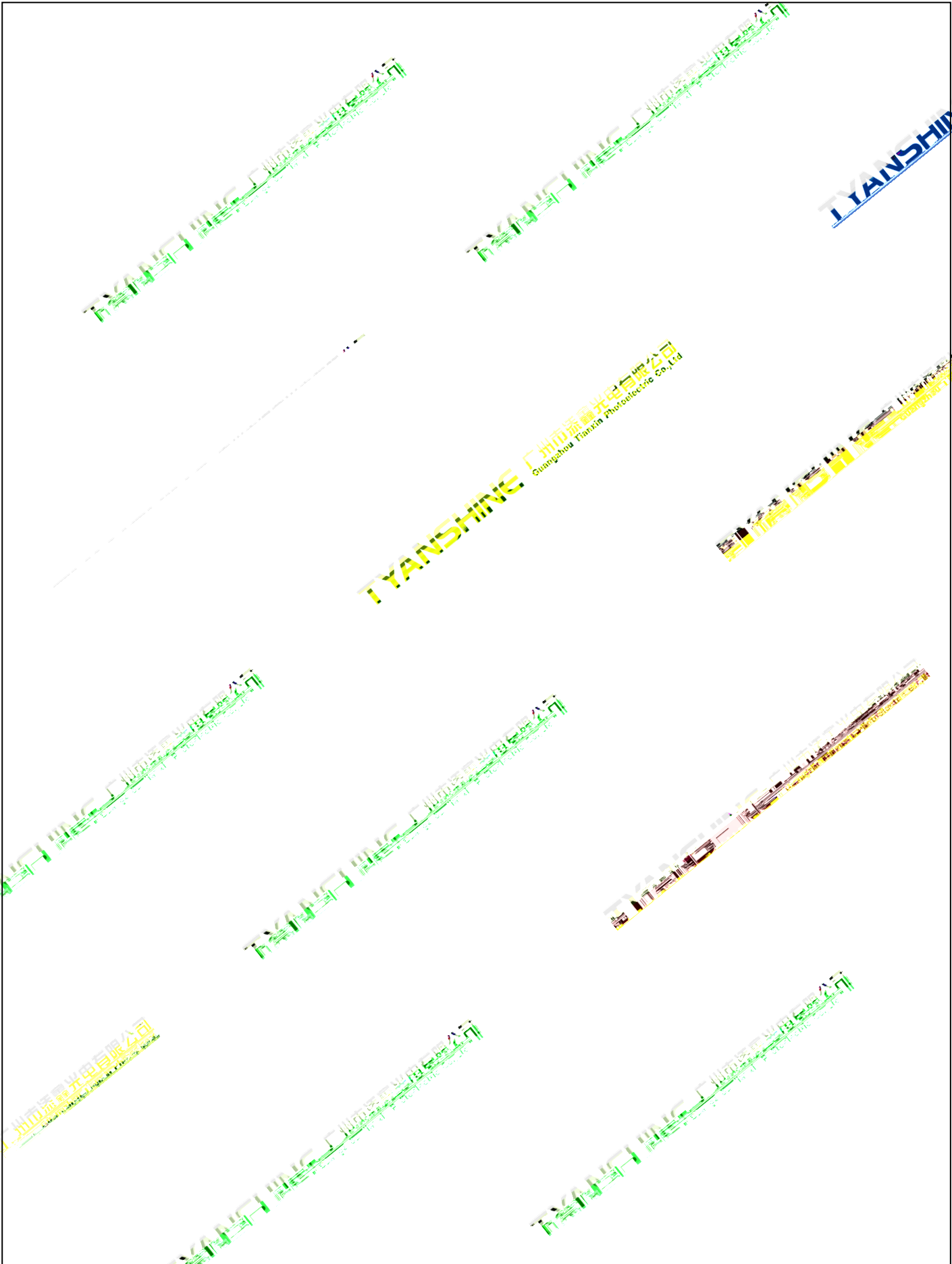
# Dimensions For Cannulation And Packaging

Quantity: 3000PCS



P	N .	-2016A8 RA1-NP3CD-01	N .	KF-EP0008	P	8	8
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P	N .	-2016A8 RA1-NP3CD-01	N .	KF-EP0008	P	9	8
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