

H2560SW21A-2757V36-02H95

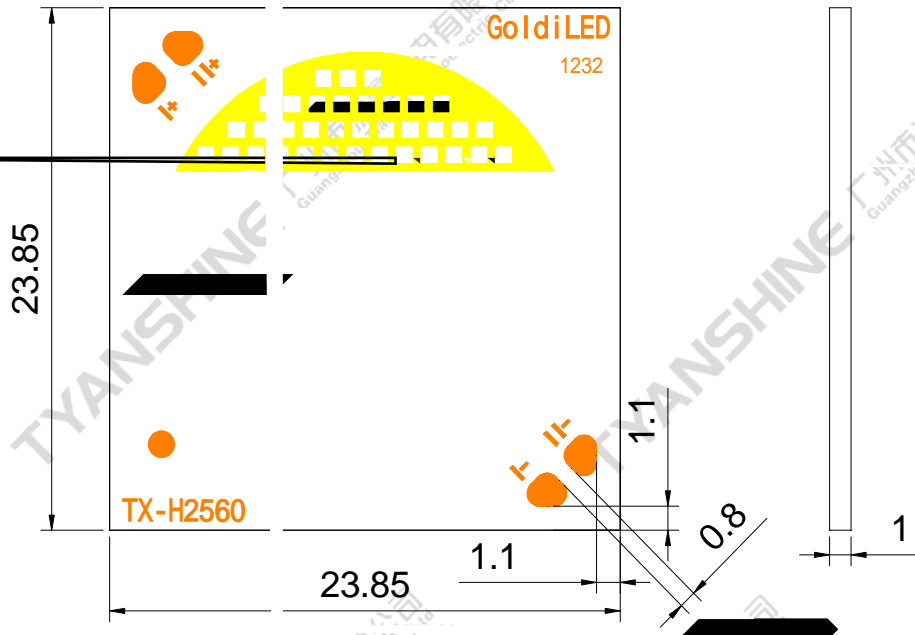
PRODUCT SPECIFICATION

Features:

- ↵ Excellent dissipating heat from LED chip operating under 2800mA.
- ↵ Provide uniform cross distribution of positive white and warm white dual

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Package Dimensions



Warm white White

Absolute Maximum Ratings

Parameter	Symbol	Ratings	Unit
Forward Current	IF	2800	mA
Reverse Voltage	VR	Nn BT 0 Tent	

Notes:

- Specifications are subject to change without notice.
- The data on this specification is for reference only and the actual data is in accordance with the acknowledgment.
- Precautions for ESD:
 STATIC SHIELD Electricity and surge damages the LED. It is recommended to use a wrist band or anti-electrostatic glove when handling the LED. All devices, equipment and machinery must be properly grounded.

Electrical Optical Characteristics (Tc=25°C)

Parameter	Symbol	Condition	Emitting color	Min.	Typ.	Max.	Units
Luminous Flux	v	If=1800mA	S	—	4560	—	lm
			W	—	6160	—	
Forward Voltage	V _f		S	32	34	36	V
			W	32	34	36	
Correlated Colour Temperature	CCT		S	—	2800	—	K
			W	—	5800	—	
Viewing Angle at 50°IV	2 1/2		S	—	115	—	Deg
			W	—	115	—	
Reverse Current	I _R		—	—	—	—	μA
Thermal Resistance Junction to Case	R _{jc}		S	—	0.11	—	K/W
		W	—	0.12	—		
Temperature Coefficient of Voltage	V _A /F/T	S	—	-13.2	—	mV/ "	
		W	—	-13.2	—		
Color Rendering Index	Ra	S	—	95	—	—	
		W	—	95	—		

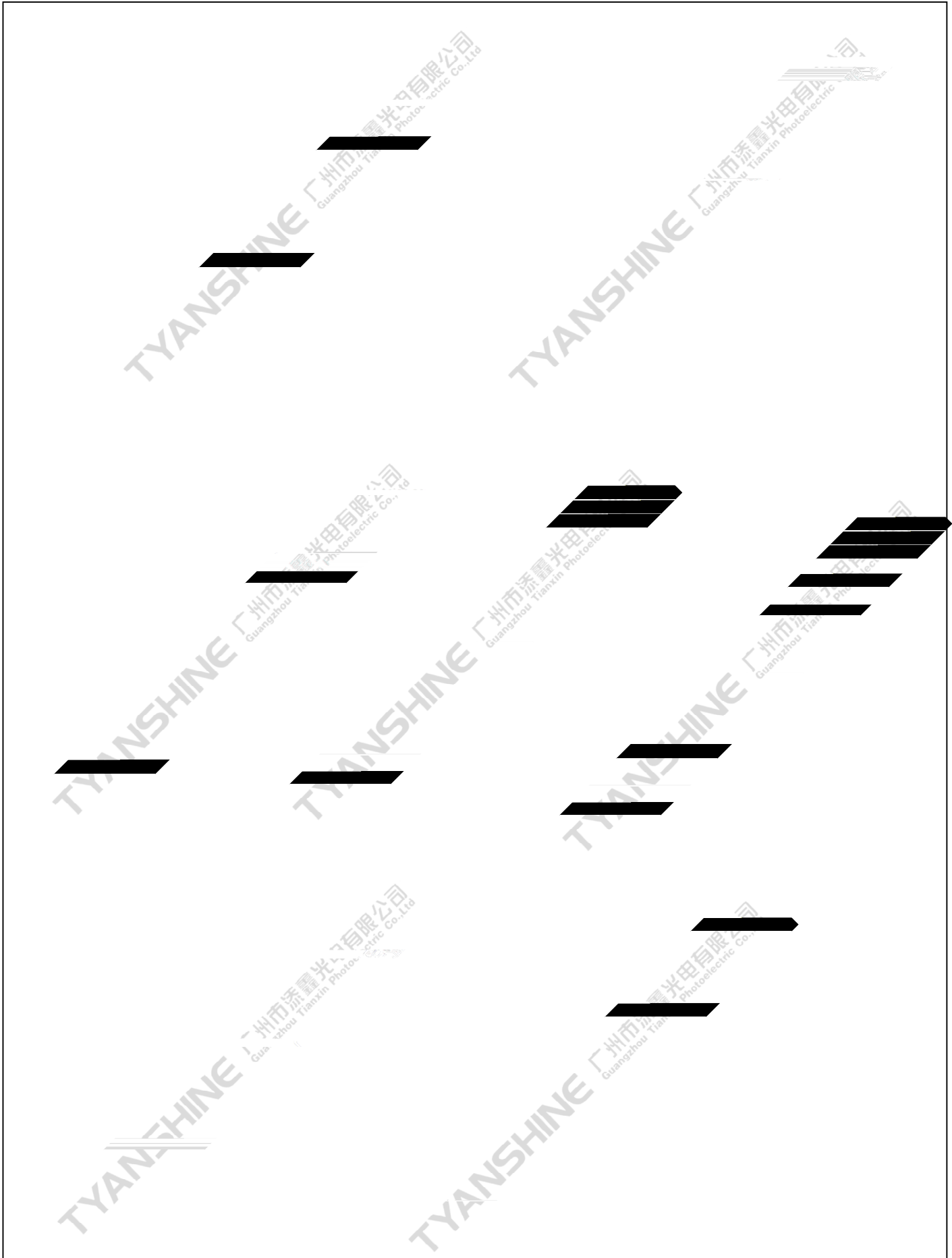
Notes:

- 1.Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve.
2. 1/2 is the off-axis angle at which the luminous intensity is half the axial luminous intensity.
- 3.Luminous flux measurement tolerance:±15%.
- 4.Forward voltage measurement tolerance:±0.15V.

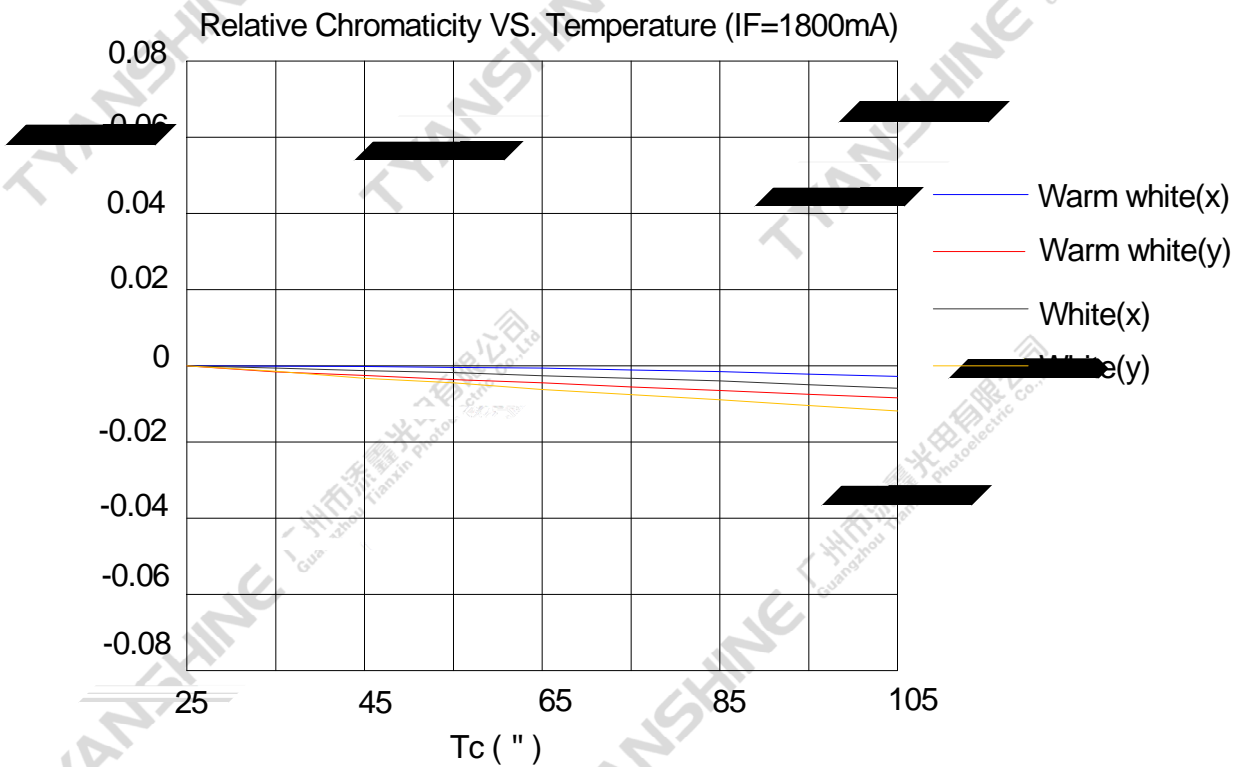
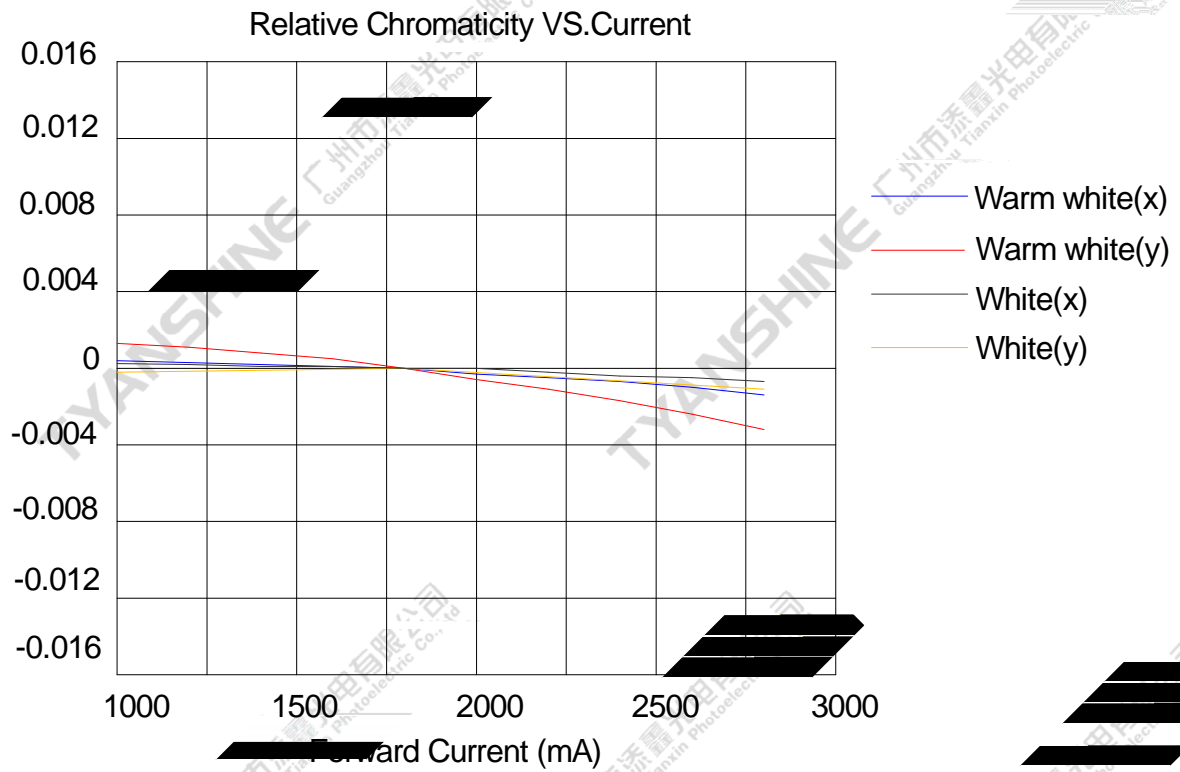
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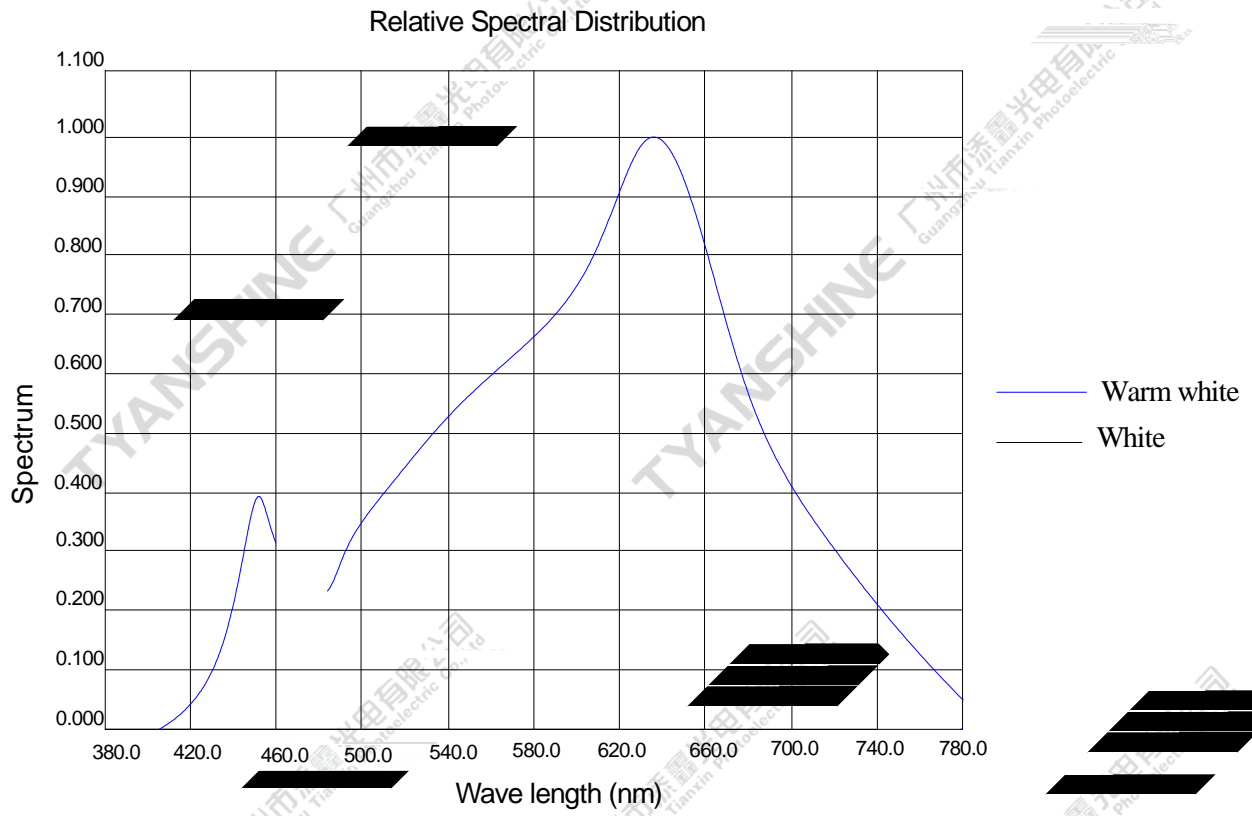
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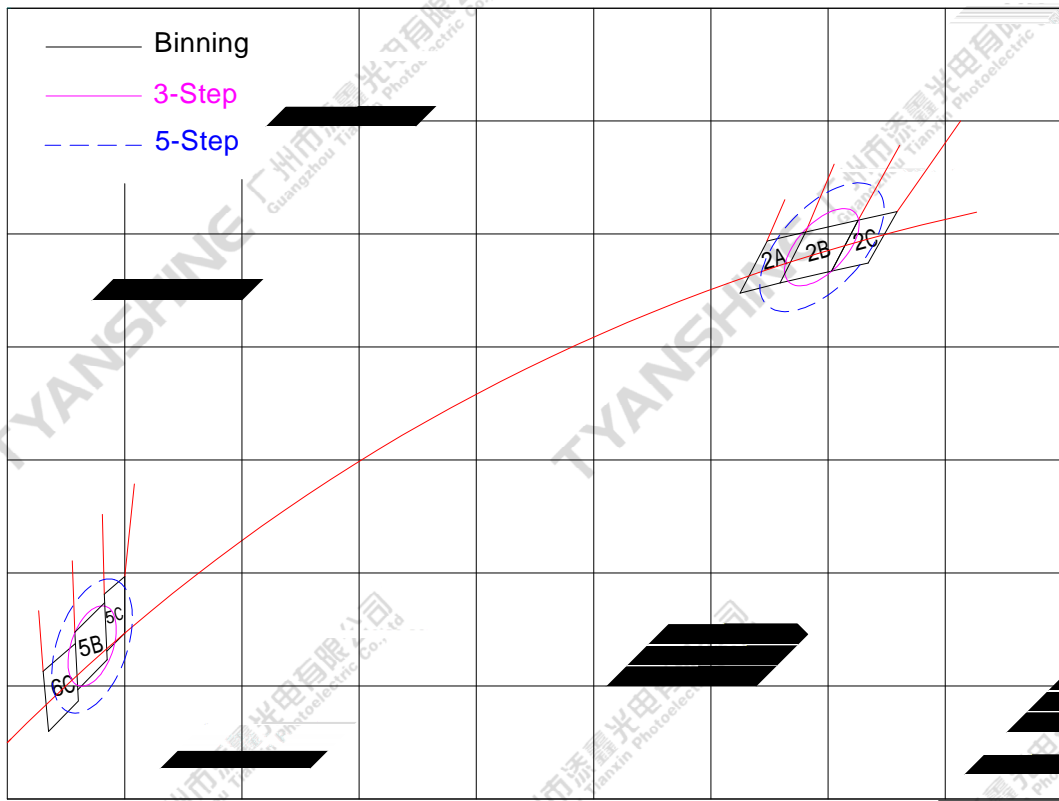


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Chromaticity Coordinates Condition IF=1800mA Tc=25 "



Reliability Test

Test Item	Test Condition
Continuous Operation Test	IF=1800mA Ta=25 " ×1000hrs
Low Temperature Storage Test	-30 " × 1000 hours
High Temperature Storage Test	100 " × 1000 hours
Moisture-proof Test	85 " , 85 %RH for 500 hours
Thermal Shock Test	-30 " × 30 minutes – 100 " × 30 minutes, 100 cycle

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