

**99230 Information**


For Reference Only

**Part Number** 99230  
**Manufacturer** Thomas Research Products  
**Category** Optoelectronics  
     [LED Lighting - COBs, Engines, Modules](#)  
**Description** LED STAR 1W 4000K 12VAC  
**Package** -  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**99230 Specifications**

Manufacturer Part Number	99230
Manufacturer	Thomas Research Products
Category	Optoelectronics <a href="#">LED Lighting - COBs, Engines, Modules</a>
Package	-
Series	-
Type	LED Engine
Color	White, Neutral
CCT (K)	4000K
Wavelength	-
Configuration	Starboard
Flux @ Current/Temperature - Test	75 lm (Typ)
Current - Test	100mA
Temperature - Test	25°C
Voltage - Forward (Vf) (Typ)	12VAC
Lumens/Watt @ Current - Test	63 lm/W
Current - Max	150mA
CRI (Color Rendering Index)	-
Viewing Angle	120°
Features	-
Size / Dimension	19.70mm Diameter
Height	1.61mm
Light Emitting Surface (LES)	-
Lens Type	Flat

## 99230 Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## 99230 Payment Methods



## 99230 Shipping Methods



If you have any question about 99230, please do not hesitate to contact us!

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