



800.909.HUSK (4875)  
 812.867.0848 fax  
[Sales@HCI-LED.com](mailto:Sales@HCI-LED.com)

# DATASHEET

## Rigel Series

2835SMD HCI LED Modules  
 Perfectly balanced for cool white



### Features

Powered by the 2835 Surface Mounted Diode chip, the Rigel Series is designed to produce the purest cool white with the highest luminous efficiency. Constructed with an injection-molded ABS plastic housing around an aluminum PCB, the R2072160CW was created to deliver the best value on the market today, providing excellent performance and color consistency at a value price. Perforated double-sided 3M

adhesive tape complement the screw-mounts for fast and easy installation.

### Specifications

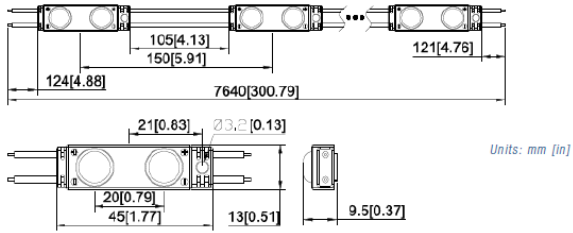
	Model Number	R2072160CW
<b>Physical</b>	LED Chips per Module	2
	LED Modules per Foot	2
	LED Modules per String	50
	Strings per Package	2
	Dimensions (L x W x H)	2.06" x 0.59" x 0.29"
	Color	Cool White
	Color Temperature (Kelvin)	7200 (±4%)
	Operating Temperature (°F)	-13 – 140° F
	Storage Temperature (°F)	-13 – 150° F
	Viewing Angle	160°
<b>Electrical</b>	Forward Voltage	12V
	Forward Current	60mA
	Power Consumption	0.72W
<b>Output</b>	Lumens per Module	70
	Lumens per Foot	140
<b>Safety</b>	Certification	UL, CE, RoHS
	Ingress Grade	IP65
	Warranty	5 Years <sup>1</sup>
	<sup>1</sup> Warranty may be extended if used with HCI LED Power Supply. See website for details.	



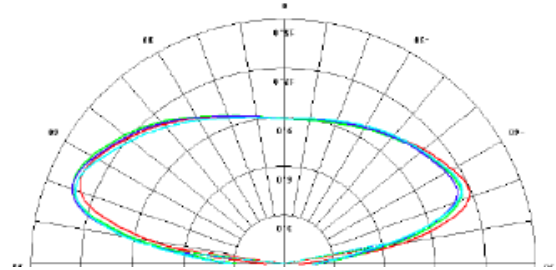
E483547



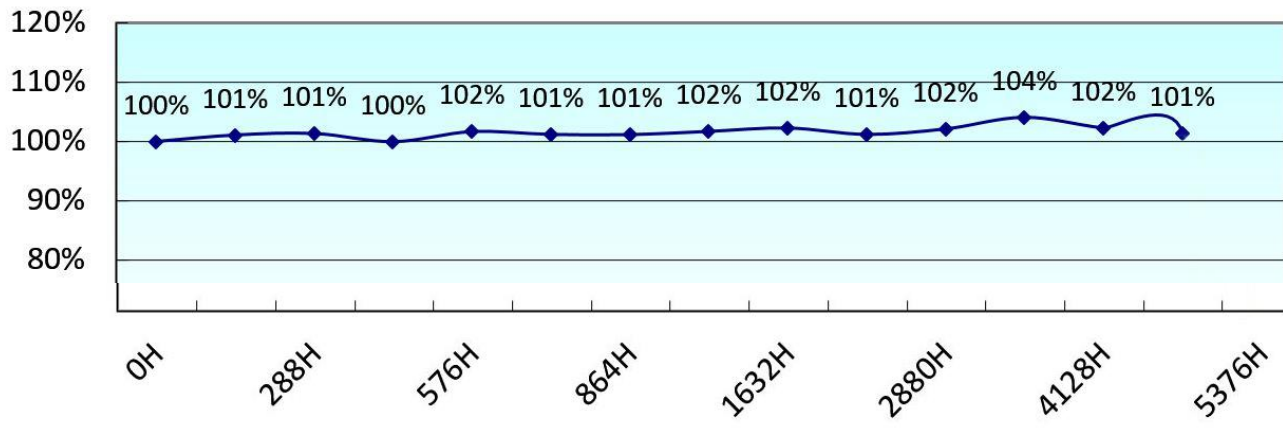
## Dimensions



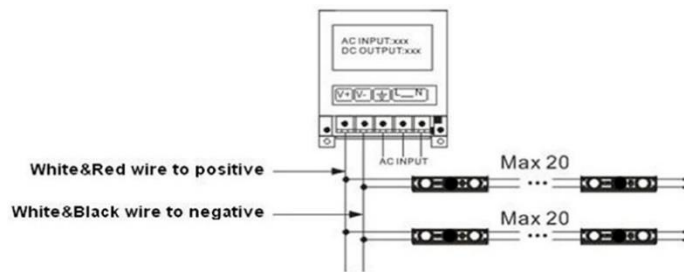
## Light Dispersion



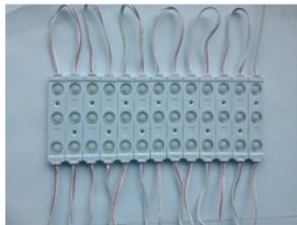
## Light Degradation



## Wiring



## Packaging



20 LED modules in a String

5 Strings in a Package

10 Packages in a Carton

2 Cartons in a Box