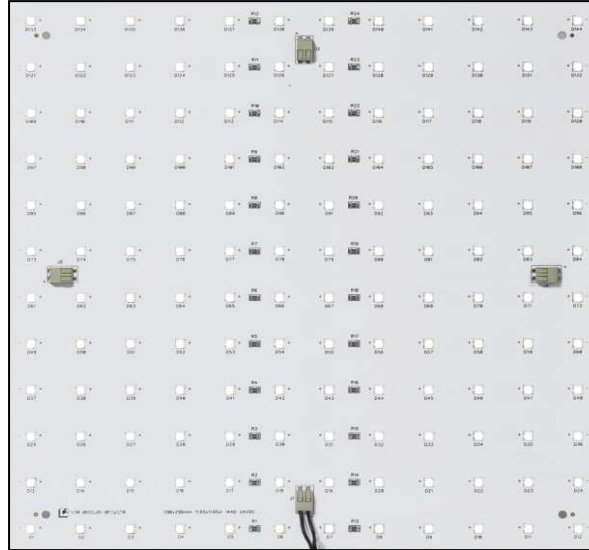




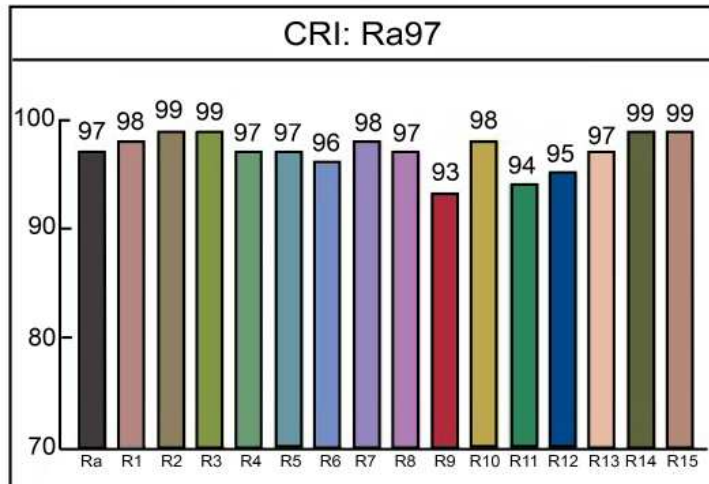
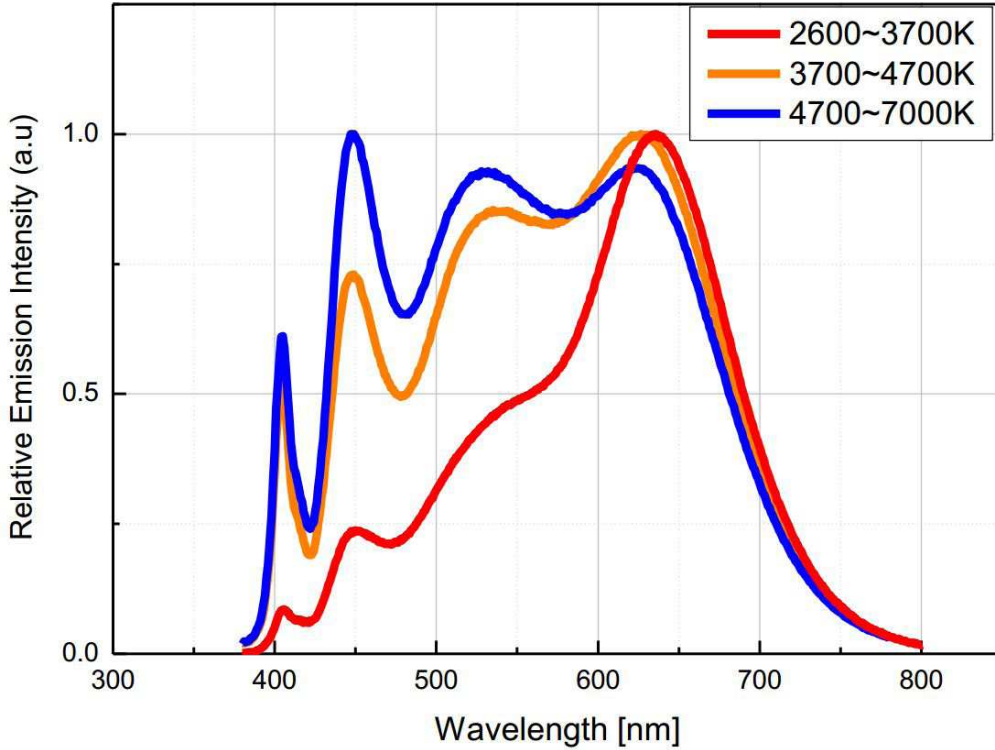
### Seoul Semiconductor SunLike LEDs



Description:	
Size, Quantity of LEDs, Power, Brightness	<p>~0.50 x 12 x 0.28-in, 21 LEDs, 5-watts, ~420 lm            ~6 x 6 x 0.28-in, 36 LEDs, 9-watts, ~720 lm            ~6 x 6 x 0.28-in, 49 LEDs, 11-watts, ~980 lm            ~12 x 12 x 0.28-in, 36 LEDs, 9-watts, ~720 lm            ~12 x 12 x 0.28-in, 144 LEDs, 34-watts, ~2,880 lm            ~12 x 12 x 0.28-in, 196 LEDs, 45-watts, ~3,920 lm</p> <p>Luminance values are typical for the modules we have in production. We can provide other sizes and brightness levels to suit your requirements.</p>
Voltage	24-vdc [Constant Voltage]
Dimming	Pulse Width LED dimmer
CRI: Ra	Ra >95 (97 Typical)]
Color (Kelvin):	3,000K, 4,000K, 5,000K +/- 300
LED Luminescent Maintenance L <sub>70</sub> <sup>1</sup>	100,000+ hours to a 30% decrease in brightness
Construction:	Aluminum Printed circuit board
Weight (oz): 6x6-inches 12x12-inches	~ 4 ~ 15
Certification	UL Recognized Component, Class 2 ≤ 100-Watts (UL8750) File # E358479
Origin	Manufactured in the United States [imported Components] by US Solid State, LLC., Shreveport, Louisiana



### Typical Photometric Data \*



\* Data supplied by manufacturer



### Limited Warranty

US Solid State, LLC., (hereinafter 'Company'), provides the following limited warranty for LED lighting, by any Individual, Distributor, or OEM (hereinafter 'Purchaser'). This limited warranty applies as follows to new LED Products purchased by Purchasers in the United States or Canada, which are accompanied by this written warranty.

Subject to the exclusions contained below, Company warrants its lighting products and accessories ("Products"), which are sold to Purchaser for the purpose of commercial and/or residential lighting uses, to be free from defects in materials and workmanship under normal usage for the period(s) stated below unless otherwise stated in product-specific documentation as longer or shorter term.

LED Modules Premium manufactured by US Solid State, LLC., 7-years

#### EXCLUSIONS

##### Normal Wear, Periodic Maintenance:

Repair and replacement of parts due to normal wear and tear are excluded from coverage.

##### Abuse & Misuse:

Defects or damage that result from: (a) improper operation, improper installation, storage, misuse or abuse, accident or neglect, to the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity, or dirt or the like, or extreme heat, or other extreme environmental conditions.

There is no warranty, expressed or implied, as to fitness of any product for a particular purpose, nor for any certain level or type of performance in any particular environment or application. Warranty coverage is limited to the sale price of the product, regardless of consequential or inconsequential damages that may be incurred.

#### GENERAL TERMS

##### Replacement Policy for Defective Products:

The Company will replace (either brand new or factory reconditioned) or repair defective products, upon our approved inspection of the defective product [in the case of LED lighting products: 10% defective LEDs in the unit]. US Solid State, LLC., reserves the right to deliver a similar (equivalent) type of product, if the type of the original product is no longer available at the time of complaint. The repair, replacement, or additional delivery of the product neither renews nor extends the period of the Limited Warranty. The replaced product will become the property of the Company.

##### Limited Warranty Claim:

The Company will repair or replace the defective product at the Company's discretion. Company reserves the right to examine any products and/or accessories to determine the cause of failure and patterns of usage. The date of the purchase and installation must be verified to validate the elapsed operating hours if a warranty claim is made. If product life is not validated, the product date code will be used to establish elapsed time based on Company's estimate of usage. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state. Warranty coverage does not include original or return freight costs. If warranty service is needed, contact Knema, LLC., 7288 Greenwood Road, Shreveport, Louisiana 71119 USA. You will receive instructions on how to ship the Product(s), at your expense, to the Company. To obtain the benefits of this warranty service, you must include a copy of your receipt, bill of sale or other comparable proof of purchase.