

SUNLIGHT TO YOUR WORKING PLACE



For COLOR EVALUATION !
For REPRODUCE OUTDOOR CONDITION !
For SOLAR ENERGY R&D !

**We supply you a sunlight simulator
which you require small and large one**



Special Manufacturer of Sunlight

SERIC LTD.

Artificial Solar Illumination Lamp XELIOS

Artificial Solar Illumination Lamp XELIOS radiates light beam which is very close to the natural sunlight that reaches the earth between 10:00am and 2:00pm on a clear day.

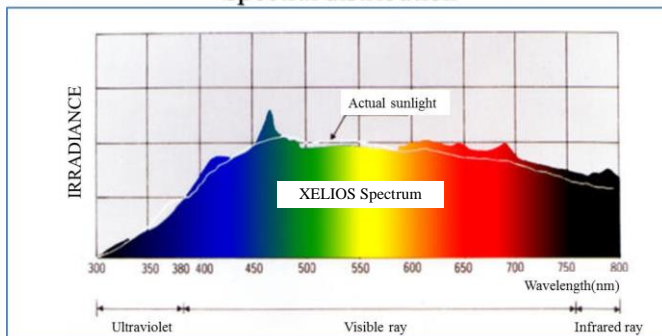


XELIOS
XG-100W Series



XELIOS
XG-500W Series

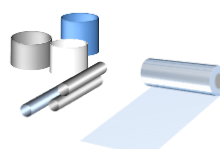
Spectral distribution



XELIOS is the first light source of the world to be developed to simulate natural sunlight faithfully. XELIOS can create light beam which has the special characteristics, 300 to 2500nm of continuous wavelength, 5500K color temperature and 98 of color rendering index.

Our Recommendation for

● Lab, R&D, QC Sections of Manufacturers, Institutes and Universities



R&D for PV, Outdoor Evaluation for Electronic device, Light resistance and warming test for elements & materials, Outer appearance check for Products

● The same color appearance as outside

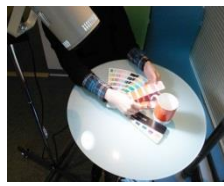
Color comparison with the other light



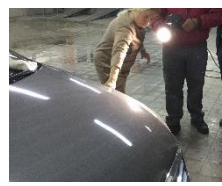
Image Quality evaluation



Printing



Product design



Car painting



XELIOS



Fluorescent lamp



Incandescent lamp

● Health and Plant Growth



Medical research



Spa & Hot spring facilities



Senior care home



Plant growth

LED based Artificial Solar Illumination Lamp XELIOS-iO

SERIC has realized to develop solar light based on LED. XELIOS-iO, world best standards for color evaluation, is for professionals who are color specialists.

Choice! 3 types as follows



Standard type
Model : LE-9ND55/65-H



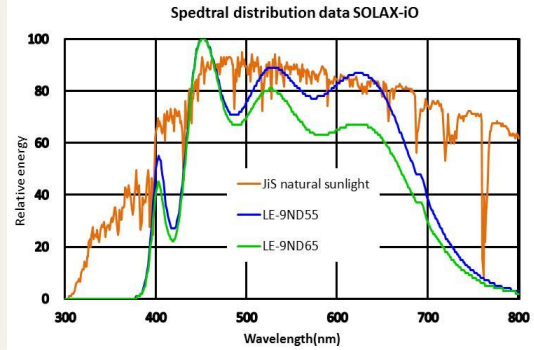
flexible tube Stand



Mounting clip



Handy with cordless



Usable on a table! Holdable!

Color confirmation at any time and any place!



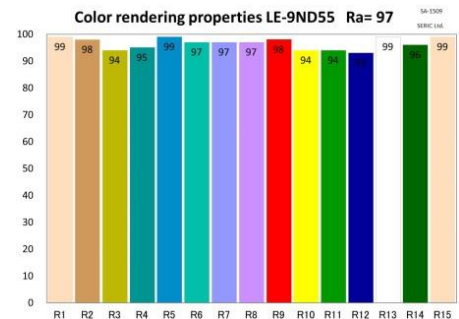
Totable!

Color evaluation for unilluminated parts



Realizable to own world best standards!

Averaged Color rendering index goes 97



Selectable!

2 color temperature model, 5500K and 6500K

We recommend to use XELIOS-iO at the scene as follows...



Design



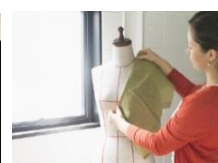
Color proof



Nail salon



Photography



Apparel/Textile



At customer site

Solar Simulator · Sunshine Tester

From AAA high class solar simulators to simplified sunshine testers, We can produce lighting systems to customize complete adjusting your requirements.

Reproduce outside environment/PV Testing/Light resistance test/Accelerated deterioration test/temperature rise test/Photo toxicology test/ and so...



Solar Simulator for PV cell testing



Solar simulator for PV module testing



Sunshine simulator for accelerated test



Sunshine simulator for durability test



Sunshine simulator for photo toxicology test

We have supplied solar simulators, which have been made up in accordance with individualized requirements from customers, to several fields who need sunlight, as applied technology of the artificial solar illumination lamp.

PLEASE FEEL FREE TO CONTACT US!

SERIC, established in 1984, is a professional, an expert and a proven leader in artificial solar lighting. SERIC has large experiences to deliver a lot of artificial solar lighting systems to several fields, therefore, we can prove that we have advanced technical knowledge.

We can propose the best lighting conditions which customers want and need, furthermore support you by our lighting technologies until the complete solution.

<XELIOS · SOLAR SIMULATOR Delivery list>

Photographies/Electronics/Automotive industries/Paints/Printings/Cosmetics/Art museum museum/Color industries/ Commercial institutions/Biotechnologies/Stationeries/Medicals/pharmaceuticals/Chemicals/Textile industries/ Architectures and constructions/Universities, Institutes and Laboratories/Others

Please feel free to contact us!

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VISIT our website!

SERIC LTD

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