



Special Manufacturer of sunlight

**SERIC**

Artificial Solar Illumination Lamp

# XELIOS

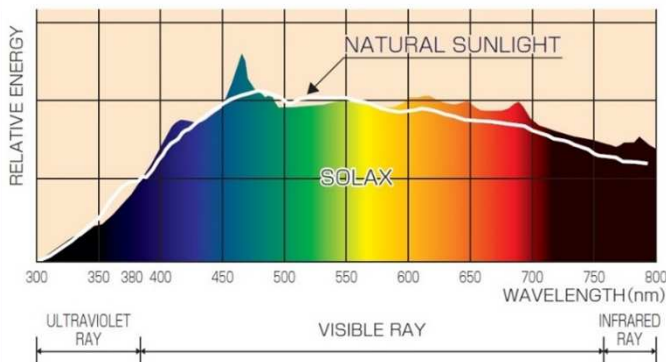
100W SERIES

500W SERIES



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.

SPECTRUM COMPARISON CHART OF SOLAX AND NATURAL SUN LIGHT



## SPECIFICATIONS 100W SERIES

| ITEM / USE                     | FOR COLOR EVALUATION                             |             | FOR HEALTH, BIOTECH                   |             | FOR SOLAR POWER TESTING |             |
|--------------------------------|--|-------------|---------------------------------------|-------------|-------------------------|-------------|
| STANDARD MODEL                 | XG-100A  | XG-100AF    | XG-100B                               | XG-100BF    | XG-100E                 | XG-100EF    |
| FILTER LENS                    | TRANSPARENT                                      | FROSTED     | TRANSPARENT                           | FROSTED     | TRANSPARENT             | FROSTED     |
| POWER SOURCE                   | AC100~120V/1.8A, OR AC200~240V/1.0A, 50/60Hz     |             |                                       |             |                         |             |
| CAPACITY                       | 100W   |             |                                       |             |                         |             |
| DIRECTION TO LIGHT             | FROM DOWNWARD TO HORIZONTAL (NOT FOR UPWARD USE) |             |                                       |             |                         |             |
| LUMINOUS INTENSITY BEAM DEGREE | 3000cd, 48°                                      | 1600cd, 60° | 3000cd, 48°                           | 1600cd, 60° | 3000cd, 48°             | 1600cd, 60° |
| COLOR RENDERING                | 98   |             | 96                                    |             | 96                      |             |
| SPECTRAL CORRECTION RANGE      | 370~780nm CUT UV RAYS<br>CUT 80% OF THERMIC RAYS |             | 300~780nm INCLUDE<br>HARMLESS UV RAYS |             | 350~2500nm              |             |
| OPERATING TEMPERATURE          | -10~30°C   |             |                                       |             |                         |             |
| COLOR TEMPERATURE              | 5500K  |             |                                       |             |                         |             |
| WEIGHT                         | 2.5kg  |             |                                       |             |                         |             |



Tripod for lamp  
ST-C03A



Stand with casters  
STC-1400K



Floor Stand  
ST-1500C



LAMP(SET-140F)



FILTER



POWER CORD  
AC100~120V...CP1-100  
AC200~240V...CP1-200

(1)Standard input voltage is 200-240V, CP1-200 is included in XELIOS.  
(2)If you need 100-100V of XELIOS, power code goes to CSW-3 with intermediate switch.  
(3)Color temperature have  $\pm 10\%$  margin of error.

## SPECIFICATIONS 500W SERIES

| ITEM / USE                     | FOR COLOR EVALUATION                             |              | FOR HEALTH, BIOTECH                   |              | FOR SOLAR POWER TESTING |              |
|--------------------------------|--|--------------|---------------------------------------|--------------|-------------------------|--------------|
| STANDARD MODEL                 | XG-500A  | XG-500AF     | XG-500B                               | XG-500BF     | XG-500E                 | XG-500EF     |
| FILTER LENS                    | TRANSPARENT                                      | FROSTED      | TRANSPARENT                           | FROSTED      | TRANSPARENT             | FROSTED      |
| POWER SOURCE                   | AC100~120V/9A, OR AC200~240V/5A, 50/60Hz         |              |                                       |              |                         |              |
| CAPACITY                       | 500W   |              |                                       |              |                         |              |
| DIRECTION TO LIGHT             | FROM DOWNWARD TO HORIZONTAL (NOT FOR UPWARD USE) |              |                                       |              |                         |              |
| LUMINOUS INTENSITY BEAM DEGREE | 26000cd, 60°                                     | 12600cd, 72° | 26000cd, 60°                          | 12600cd, 72° | 26000cd, 60°            | 12600cd, 72° |
| COLOR RENDERING                | 98   |              | 96                                    |              | 96                      |              |
| SPECTRAL CORRECTION RANGE      | 370~780nm CUT UV RAYS<br>CUT 80% OF THERMIC RAYS |              | 300~780nm INCLUDE<br>HARMLESS UV RAYS |              | 350~2500nm              |              |
| OPERATING TEMPERATURE          | -10~30°C   |              |                                       |              |                         |              |
| COLOR TEMPERATURE              | 5500K  |              |                                       |              |                         |              |
| WEIGHT                         | 7.3kg (INCLUDE POWER UNIT)                       |              |                                       |              |                         |              |



Standard Stand  
ST-M2AD

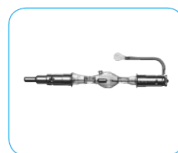


(Style Separated)



(Style Joint)

Ceiling Flange  
FC-30L



LAMP(SET-500F)



FILTER



POWER CORD  
AC100~120V...CP1-100  
AC200~240V...CP1-200

(1)Standard input voltage is 200-240V, CP1-200 is included in XELIOS.  
(2)Color temperature have  $\pm 10\%$  margin of error.

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