



INNERSCENE

VIRTUAL SUN MODEL A7

**Innerscene Virtual Sun** optically recreates the appearance of a natural sun and sky in any environment day or night. Vivid beams of light are cast into the room from an ultra-bright, three dimensional, virtual sun which appears to move in parallel with the viewer.

From sunrise to sunset, our virtual skylight changes colors and intensities throughout the day to replicate the effects natural light has on our circadian rhythm.

It's 10 inch profile allows it to be easily installed into most recessed ceilings and walls. Large skylights of unlimited length and width can be created by tiling arrays of units. Innerscene can interface with most building lighting control systems and dimmers, including 0-10V, DALI, DMX, ethernet, and mobile phone apps.







\*Photo taken at night





\* Model A6

Building Centre Installation, London UK



\* Model A6



By reducing blue light in the evening, **Innerscene** helps maintain a natural circadian rhythm.



At night, moonbeams illuminate the floor and a  
distant moon can be seen in the sky





Natural light has both directional (sun) and diffuse (sky) lighting components

Illuminated by Virtual Sun  
(directional sun and diffuse sky)

Illuminated by standard lighting  
(diffuse only)



Virtual Sun combines hundreds of LEDs specifically to replicate the visible spectrum of natural light. This means it illuminates materials and objects just like natural sunlight allowing us to see vibrant colors correctly. Virtual sun has no ultraviolet or infrared light so it won't burn our skin/eyes, or bleach artwork or floors.



Because the sun is millions of miles away, it follows us in the sky no matter where we go



**Virtual Sun** also follows us in the sky as we walk around and cast sunbeams and natural shadows



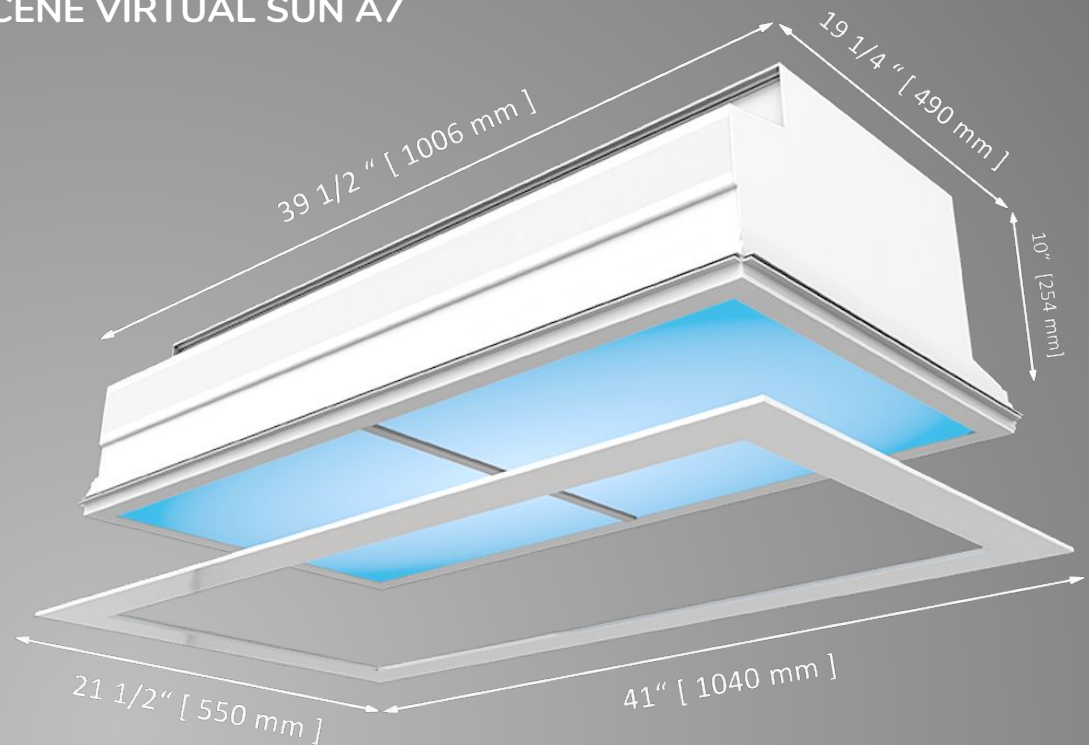
## MODEL : INNERSCENE VIRTUAL SUN A7

### SPECIFICATIONS

<b>SAFETY</b>	UL, CE
<b>POWER</b>	150 W at maximum brightness
<b>INPUT VOLTAGE</b>	90 V - 277 V
<b>SUN ILLUMINANCE</b>	>2500 lux at 3ft
<b>SKY, LUMINOUS FLUX</b>	6750 Lumens at full brightness
<b>EFFICIENCY</b>	45 lumens/W
<b>MOON ILLUMINANCE</b>	~0.3 Lux
<b>Sun Beam Angle</b>	30 degrees from Zenith
<b>Sun Beam Divergence</b>	2 degrees
<b>CRI at 6500K</b>	90
<b>CRI at 3000K</b>	98
<b>Weight</b>	73 lbs
<b>Sun CCT</b>	4500 K
<b>Sky Range</b>	3,000 K - >10,000 K
<b>Dimming</b>	10kHz Flicker free dimming 4096 independent levels for sun & sky

### SERVICE

<b>WARRANTY</b>	5 Years
<b>LED L70</b>	50,000 hours



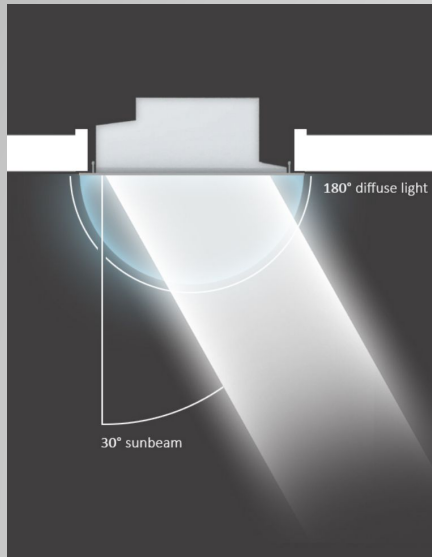
### CONTROLS

<b>DALI</b>	1 Channel: Dim to Warm <b>or</b> 2 Channels : CCT & Intensity
<b>DMX</b>	1 Channel : Dim to Warm <b>or</b> 2 Channels : CCT & Intensity
<b>0-10V</b>	1 Channel : "Dim to Warm"
<b>Mobile phone app</b>	Connects via wireless ethernet or Bluetooth
<b>Array support</b>	When an array is installed, units link to each other via CAT5 cabling and only one dimmer signal is required per array
<b>Scheduling</b>	Built-in clock and GPS location allow automatic CCT/Brightness settings at different times of day or offset from sunrise/sunset with no external control system required

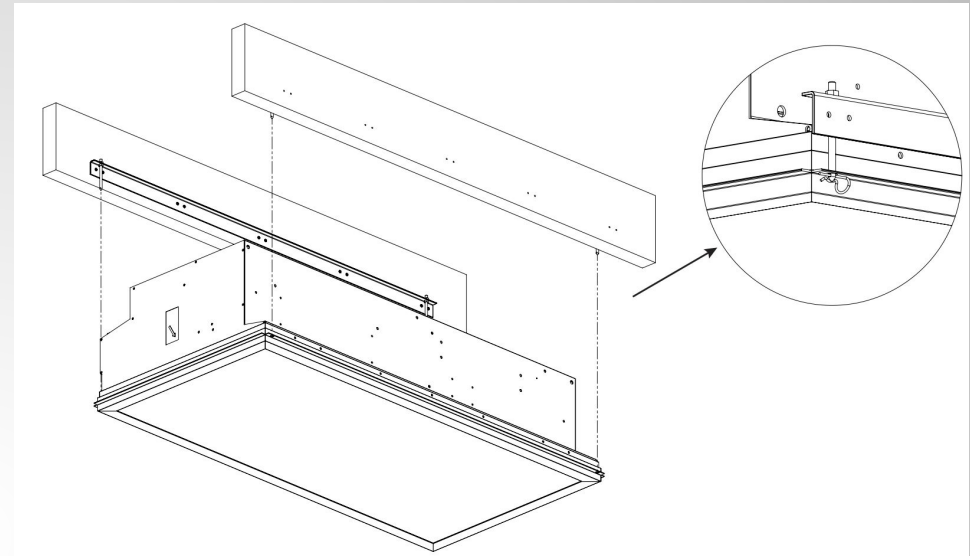
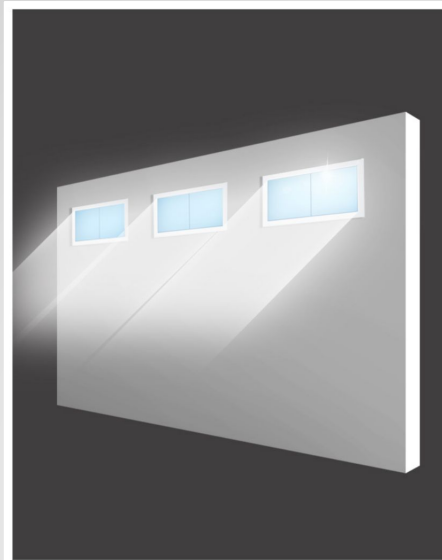


## INSTALLATION : See installation manual for more details

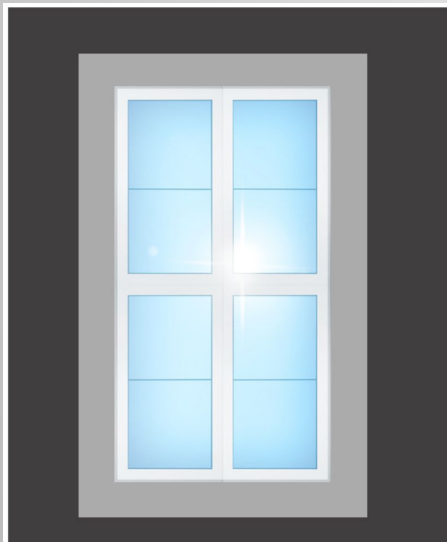
WALL INSTALLATION  
(LANDSCAPE INSTALL)



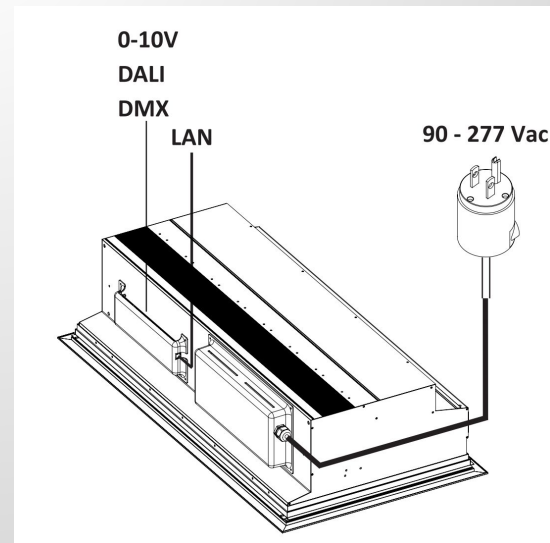
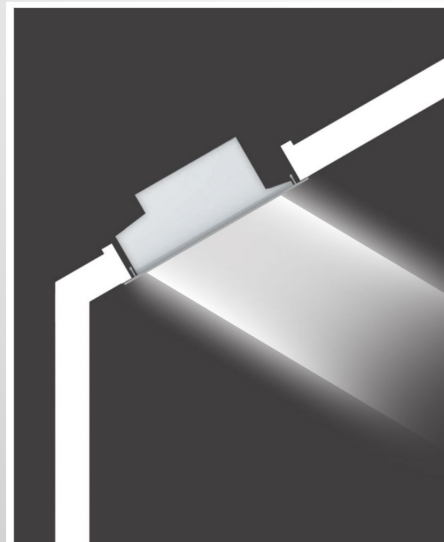
WALL INSTALLATION  
(LANDSCAPE INSTALL)



ARRAY CEILING CONFIGURATION



SLANTED CEILING INSTALLATION



















# INNERSCENE VIRTUAL SUN A7



© 2020 INNERSCENE, Inc. All rights reserved. The INNERSCENE logo and INNERSCENE and ATMOS names are either registered trademarks or trademarks of INNERSCENE, Inc. in the United States and/or other countries. Due to ongoing innovation, specifications may change without notice. Pat.: [www.innerscene.com/patents](http://www.innerscene.com/patents)



[info@innerscene.com](mailto:info@innerscene.com)



+1 415 513 0022



+44 01452931157

