# VIRTUAL SUN®

**OVERVIEW - SPECIFICATIONS** 

21,6"

10,5"

DATE

PROJECT

41"

### DESCRIPTION

Innerscene's Virtual Sun system offers cutting-edge simulations of natural daylight and moonlit skies at any time. Harnessing patented technology, it offers lifelike views through an infinite-depth skylight or window, aligns with circadian rhythms, and boasts straightforward installation.

SPECIFIER

The advanced technology stimulates physiological and emotional responses akin to natural daylight without exterior access. Applicable in fields like education, entertainment, healthcare, and more.

Innerscene's system removes design limitations, offering a tailored virtual daylight experience that enhances well-being.

FIXURE RATINGS
& CERTIFICATIONS



TYPE

MODEL	MOUNTING & TRIM	INSTALL ENVIRONMENT	IC & DRIVER	LIGHTING CONTROL	COLOR PROFILE	DIMMING PROFILE
VIRTUAL SUN	ACA	ID	IS IR	CS	DM DO	SC FC
	DC VP V C1		DT DX C3	со	ND	

MODEL	MOUNTING &	INSTALL	IC &	LIGHTING	COLOR	DIMMING
	TRIM	ENVIRONMENT	DRIVER	CONTROL	PROFILE	PROFILE
VIRTUAL SUN	ACA - Acoustical Tile ceiling array* ACI - Acoustical Tile individual, not suitable for tight arrays DC - Drywall ceiling* VP - Vertical/In-wall in portrait orientation VL - Vertical/In-Wall in landscape orientation CI - Custom trim or mounting, e.g. custom trim color or anti-microbial coating	ID - IP20 (Dry location) IW - IP54 (Wet location)	IS - Non-IC & Integral driver* IR - IC-rated & Remote driver	CS - Casambi. See Casambi profiles for more informa- tion. DT - DALI Type 8 DX - DMX C3 - By Other (Consult Factory for Information)	DM - Day & Moonlight DO - Daylight-only CO - Commercial	SC - Seasonal Clock FC - Fixed Clock ND - NON-DIM

\* - QUICK SHIP OR STANDARD ITEMS

TIM	E OF DAY CASAMBI CIRCADIAN	N SCHEDULE	
20.000K	99		CASAMBI CIRCADIAN MODE OPTIONS
7500K 3200K			<ul> <li>SS - Seasonal 24h - Local sunrise and sunset.</li> <li>PF - Fixed time (perennial) - Fixed to local time.</li> <li>SW - Seasonal warm, no moon. Ideal for commercial use.</li> <li>PW - As SW but fixed time. Warm white post-sunset, unchanging.</li> </ul>
	5:30 PM 6:30 PM PM	4 6:30 PM 5:30	

UNIT DIMENSIONS	38.2" X 20.7" Depth 10.5" / (Boxed)	OPTIONAL ACCESSORIE	25mm Regressed (Standard) 1200 x 600mm ceiling tile	
TRIM DIMENSIONS	Single Grid Trim (for 15/16" exposed T-grids) - 4-15/32" × 2-15/32" Array Grid Trim 47-15/16" × 23-15/16" Hard Lid Trim (Single for 15/16" exposed grids)		backing plate 50mm Regress & 100mm Regressed (Optional) 25mm Regressed 1200 x 600mm suspended ceiling trim 1200 x 600mm ceiling tile backing plate	
	Hard Lid Trim (Single for IS/10 exposed girls) Hard Lid Trim (Array) WxHxD 1042 x 550 x 271 mm (including standard trim) US	AMBIENT TEMP RANGE	32-77 °F (non-condensing)	
MODES	Tunable Sky (Warm White - Blue Sky),	COLOR TEMPERATURE	Tunable 3,200K to 40,000K	
	Seasonal Circadian, Fixed Circadian	INTEGRAL DRIVER	Yes, remote optional	
LIGHTING CONTROLS	Modes Tunable Sky Casambi (Standard)			
	DALI-2 DT8 Tc (Option) Tunable Sky DMX (Option)	CRI	90+	
	Color tunable 1-10V (Option)	WATTAGE	Non-IC 155W / rated 115W	

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INNERSCENE 548 Market St #40123 San Francisco, CA 94104-5401 info@innerscene.com International - Re www.innerscene.com Specifications ma P: +1 (888) 984-5242 For the latest det

International - Revision 1 - 06/2023 Virtual Sun Specifications may change without notice. For the latest details, visit Innerscene.com.

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DATE	PROJECT		SPECIFIER TYPE
DELIVERED LUMENS	IC-NON-IC 4,455 LUMENS IC-RATED 3,796 LUMENS	INSULATION CONTACT (IG	C) Non-IC (Standard) IC (option)
EFFICACY	NON-IC: 29 LM/WIC: 33 LM/W	WARRANTY	5 years
ELECTRICAL	~90-277V 60HZ PF >0.9	TRIM DIMENSIONS	4]" X 21-5/8"
STANDARDS	UL 1598, TÜV, UL LISTED	TRIM PLATE FINISH	White RAL 9010
HORIZONTAL MOUNTING	ACOUSTICAL TILES (ACT) DRYWALL CEILING (CULUS LISTED)		Custom RAL (Specify RAL #) Option: anti-microbial coding
VERTICAL MOUNTING	STUD OR MASONRY WALLS	WEIGHT	Product 77 lbs Boxed 163 lbs
ENVIRONMENTAL RATING (PROTECTION CLASS(IP)	IP20 STANDARD IP54 (OPTION)		DOACH 105 IDS

### TM30 COLOR FIDELITY

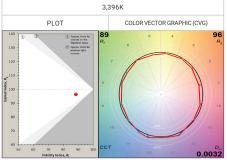
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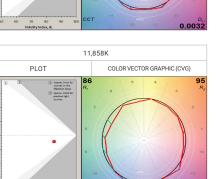
10

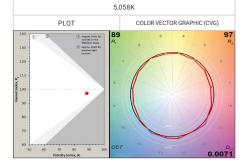
80

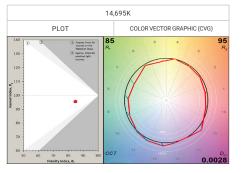
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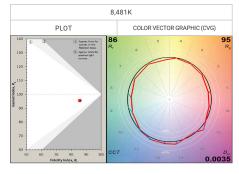
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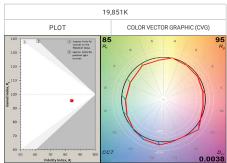


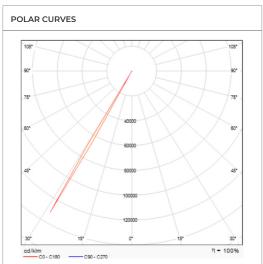












## LUMEN MAINTENANCE DATA

AMBIENT TEMPERATURE	PEAK FOOT-CANDLES (FC)
<86°F <95°F <104°F	>50,000 HOURS

PHOTOMETRICS				
MOUNTING HEIGHT FT.	PEAK FOOT-CANDLES (FC)			
3	372			
6	256			
9	210			
12	179			
15	173			

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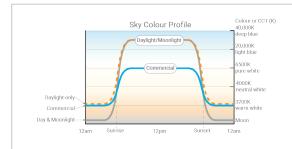
info@innerscene.com www.innerscene.com P: +1 (888) 984-5242 International • Revision 1 • 06/2023 Virtual Sun Specifications may change without notice. For the latest details, visit Innerscene.com. Create Sunshine, Anytime, Anywhere. © 2023 INNERSCENE. All rights reserved. 2/4

## VIRTUAL SUN ®

**OVERVIEW - SPECIFICATIONS** 

DATE

PROJECT



#### SKY COLOR PROFILE

Day & Moonlight - Designed to mimic external lighting conditions. Recommended for high-end residential projects. Ideal for minimal low Illumination at nighttime such as living rooms, kitchens and hallways. Illumination levels can be overridden and increased at any time.

SPECIFIER

Daylight-only - Best for general-use spaces that require high illumination and may be occupied at any time during the day such as offices, meeting rooms, gyms etc.

Daylight-only o Commercia

Day & Moonlight

Commercial - Similar to Daylight-only color profile but caps its illumination to pure white light at 6,500K.

Dimming Profile

#### DIMMING PROFILE

Daylight and Commercial color profiles have a slightly lower brightness during nighttime.

Moonlight Profile can follow exact sunrise and sunset at project geolocation or remain constant throughout the year.

Seasonal Profile is suitable for tropical and temperate zones between 0 and 60 degrees North or South. For latitude higher than 60 degrees, either North or South, the Fixed Profile may be more suitable to avoid very short winter days.

Fixed Profile is ideal for spaces with set operational hours, like offices that maintain consistent work hours throughout the year, typically from 8 am to 6 pm.



#### COLOR TEMPERATURE RANGE

Colors of white light are referred to as CCT in Kelvin, lower numbers are warmer tones, higher numbers are cooler or bluer tones. There is no upper limit of Kelvin. However, in Non-Innerscene products may have blue skies with low color rendition leading to color casts which can be unpleasant.

40,000K : Innerscene's deepest blue sky

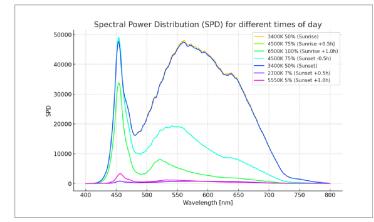
20,000K : Blue Sky

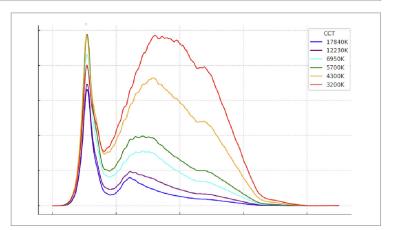
- 6,500K : Pure White highest color temperature for commercial lighting
- 3,500 4,000K : Commercial White

2,700 - 3,000K : Warm White - comparable to bright incandescent lamps 2,000K : Warmest hues of sunrise or sunset

1,800K : Dimmed incandescent lamps

#### SPECTRAL INFORMATION





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Dimming %

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DATE	PROJECT			SPECIFIER	ТҮРЕ
ARRAY CONFIG					
		$\rightarrow$			

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