

## PURIFII™ Aer Wall | Low Profile, Upper-Room GUV System



### Features

- **Aer Wall**, part of the Luminii PURIFII GUV product series, is an architectural grade upper-room germicidal system that capitalizes on the proven ability of UV-C to inactivate airborne pathogens continuously and safely in an occupied space. \*Aer Wall disinfects an environment at a faster rate than HVAC alone, eliminating up to †99.98% of pathogens. \*
- **BACKED BY SCIENCE** – We conduct **research and support third-party testing** to develop insights and expertise that deliver breakthrough products. **Worry-free**, our GUV product line is a safe and effective way to disinfect indoor environments.
- **MARKET PROVEN** – UV-C technology is proven, with over 40 years of research and real-world examples across diverse applications and scenarios, to support the disinfection of viruses, bacteria, mold spores, and fungi safely and effectively in the air and on surfaces, making it an ideal solution for a wide variety of high traffic applications.
- **SAFE AND EFFECTIVE** – PURIFII AER W is 100% safe in occupied environments. Businesses and the people within them are protected from potential viruses and other microorganisms.
- **CONTACTLESS** – PURIFII Aer Wall is 100% contactfree, featuring a profile that blends into a wide variety of environments with quiet ease. Customers can implement a hassle free, set it and forget GUV system they can feel good about, giving them a renewed sense of confidence.
- **ENTIRE ROOM DISINFECTION** – Whether it is a reception area, ballroom, fitness center, or other common area, germicidal lighting is an effective way of supporting existing cleaning protocols while addressing viral aerosols and contaminated surfaces at a much larger scale.
- **FLEXIBLE AND DISCREET** – The PURIFII GUV platform is designed to be extremely versatile, supporting even the trickiest of applications with ease. PURIFII systems require minimal to no maintenance once installed, keeping you and your business on track.
- Suitable for DRY and DAMP locations
- Warranty: 5 years or 20K hours, whichever comes first
- Operating temperature: 15° – 30°C
- Finish: ■ Black

### Typical Applications

- **RETAIL** – Restore shopper confidence, support employee wellness, and invite loyal customers back to stores with architectural, discreet GUV solutions.
- **HOTELS** – Reinvigorate the guest experience, enhancing existing cleaning protocols with GUV solutions, giving guests and employees greater peace of mind.
- **RESTAURANTS** – Rekindle the dining experience by adding GUV systems to ensure high touch food prep zones and dining environments are clean and safe for patrons and staff.
- **FITNESS CENTERS** – Breathe easier by adding GUV systems to regular cleaning protocols to help maintain healthy and safe spaces for members, trainers, and staff.
- **SCHOOLS** – Inspire students, teachers, and staff by creating healthy learning environments with GUV systems, supporting the disinfection of classrooms, cafeterias, libraries, gyms, and hallways.
- **ASSISTED LIVING** – Renew a sense of independence by helping safeguard environments with GUV systems supporting a wide range of applications, including dining, fitness, and recreational facilities.
- **COMMERCIAL OFFICES** – Build confidence with teams and clients by supporting business measures that protect the health and safety of employees in a fast and efficient way with GUV systems.

\*(reference IES committee report CR-2-20-V1a)

PURIFII Aer Wall is not intended for use as a medical device and is not registered as such. PURIFII Aer Wall is registered as a pesticide device.

† Based on Luminii's testing at an independent BSL3 lab using SARS-CoV2. Contact factory for more information. PURIFII is a trademark of Luminii, LLC., Luminii is a registered trademark of Luminii, LLC.

"Disinfection", "treatment", and "germicidal" as used herein are general in nature and not intended to implicate defined regulatory terms.

**Technical Information**

2' AER-W		
	Remote Power Supply	Integral Power Supply
<b>UV Output</b>		
Total Initial Power	SO - 326mW	SO - 326mW
<b>Total Power</b>	17W	21W
<b>Operating Parameters</b>	34 – 36VDC, 475mA	120–277VAC
<b>Peak Wavelength</b>	275 nm	275 nm

4' AER-W		
	Remote Power Supply	Integral Power Supply
<b>UV Output</b>		
Total Initial Power	SO - 652mW	SO - 652mW
<b>Total Power</b>	32W	38W
<b>Operating Parameters</b>	34 – 36VDC, 950mA	120–277VAC
<b>Peak Wavelength</b>	275 nm	275 nm



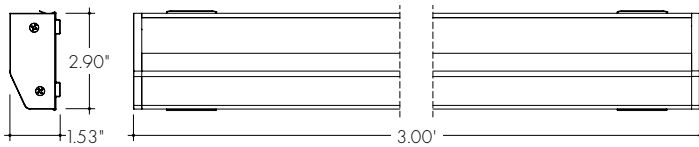
**Aer Wall**  
Integrated Power Supply



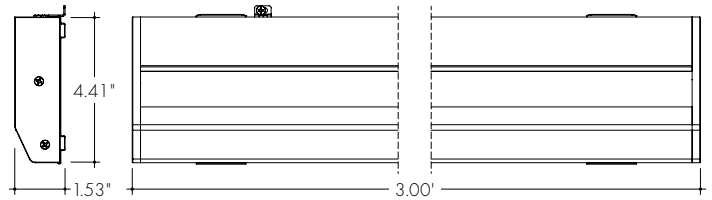
**Aer Wall**  
Remote Power Supply

**Product Dimensions**

**Aer Wall**  
Remote Power Supply



**Aer Wall**  
Integrated Power Supply



**Ordering Code**

MODEL	LENGTH	OUTPUT	MOUNTING	FINISH	POWER FEED POSITION/TYPE
<b>AER-W</b>	<b>2</b>	<b>SO</b>	<b>FC</b>	<b>BK</b>	<b>R*</b>

AER-W - Aer Wall Mount

2 - 2'  
4 - 4'

SO - Standard

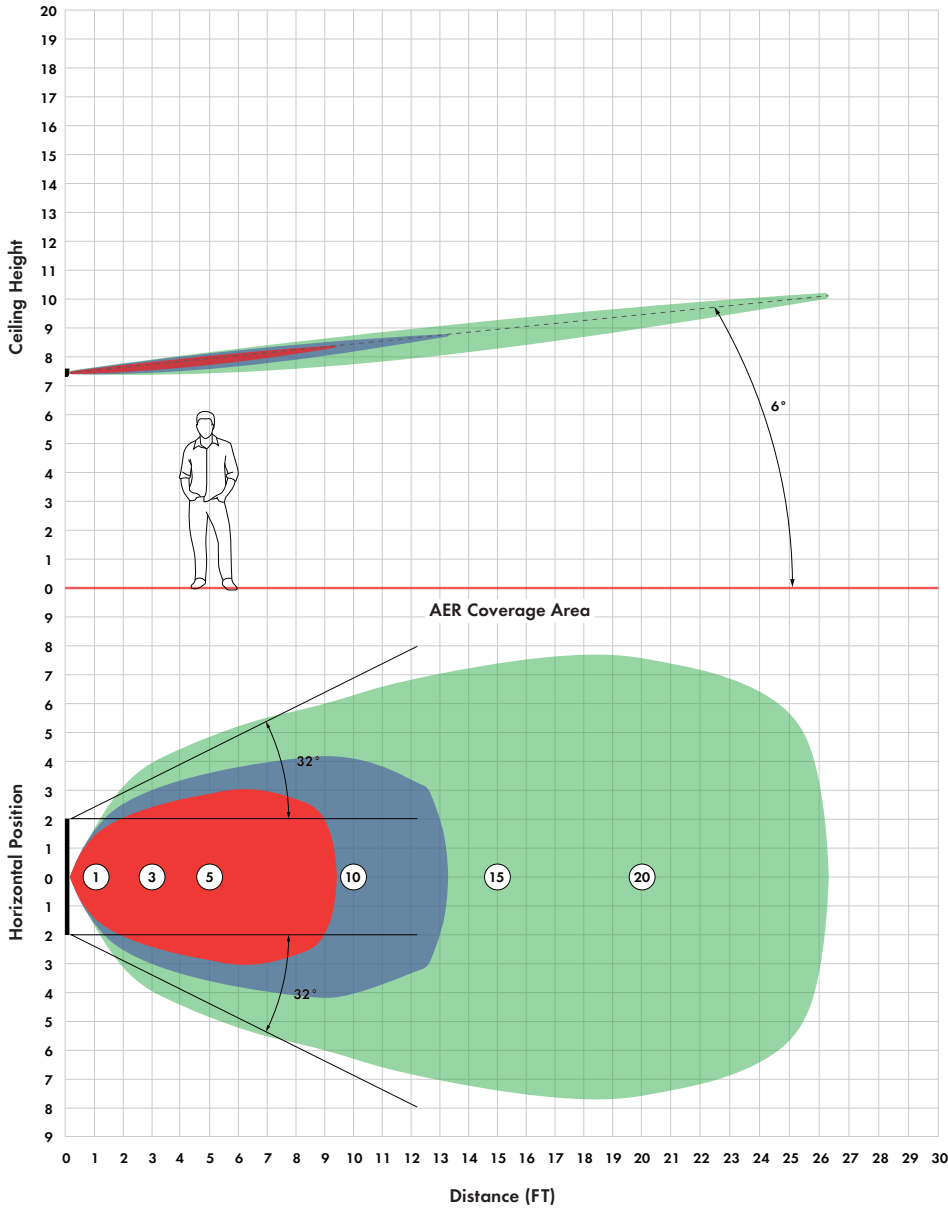
FC - Fixed Clip

BK - Black

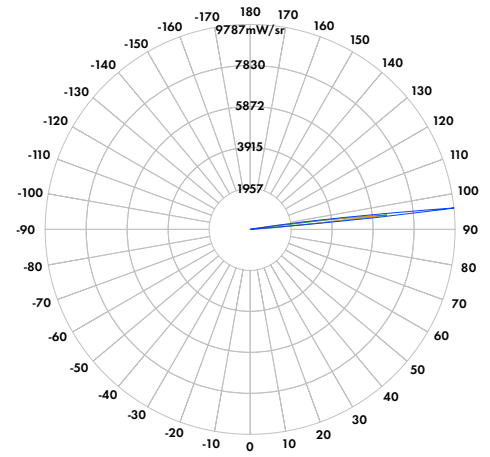
R\* - Remote  
INT - Integrated Driver

\*Power supply ordered separately

### ISO Irradiance Curve Regions



### Polar Candela Distribution



Zonal Output Summary		
Zone	mW	% Fixture
0 - 90	1.3	0.2%
90 - 120	616.2	98.6%
120 - 180	7.3	1.2%
0 - 180	624.8	100%

UV Irradiance	
Color Section	Irradiance
<span style="color: green;">■</span>	>10 $\mu\text{W}/\text{cm}^2$
<span style="color: blue;">■</span>	>30 $\mu\text{W}/\text{cm}^2$
<span style="color: red;">■</span>	>50 $\mu\text{W}/\text{cm}^2$

Distance From Sensor (ft)	1	3	5	10	15	20
Irradiance Readings for 4ft Fixture ( $\mu\text{W}/\text{cm}^2$ )	1341.3	372.91	164.08	50.132	21.528	13.019

# 0-10V 50W Constant Current LED Driver



## Features

Constant current 0-10V controlled LED Driver features eldoLED's LINEARdrive configurable 0-10V driver rated at 50 watt each. Suitable for damp location.

## Technical Information

### Input Voltage

120-277VAC,  
0.7A, 50/60Hz

### Output Current

475mA, 950mA

### Output Voltage Range

2-55V

### Maximum Wattage

50 Watts

### Mounting

Surface mounted with conduit access

### Operating Temperature

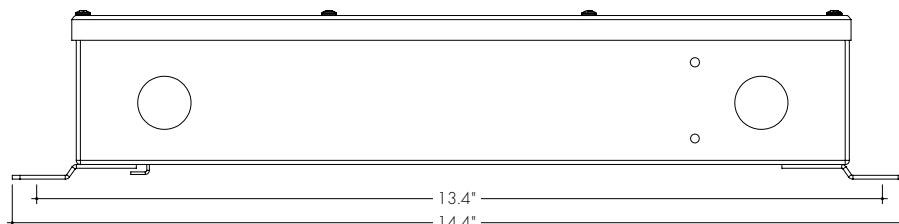
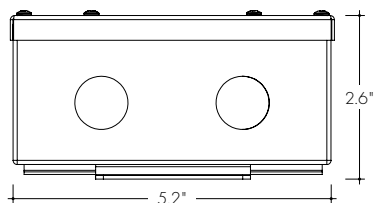
-15°C - 30°C

### Ambient Operating Temperature

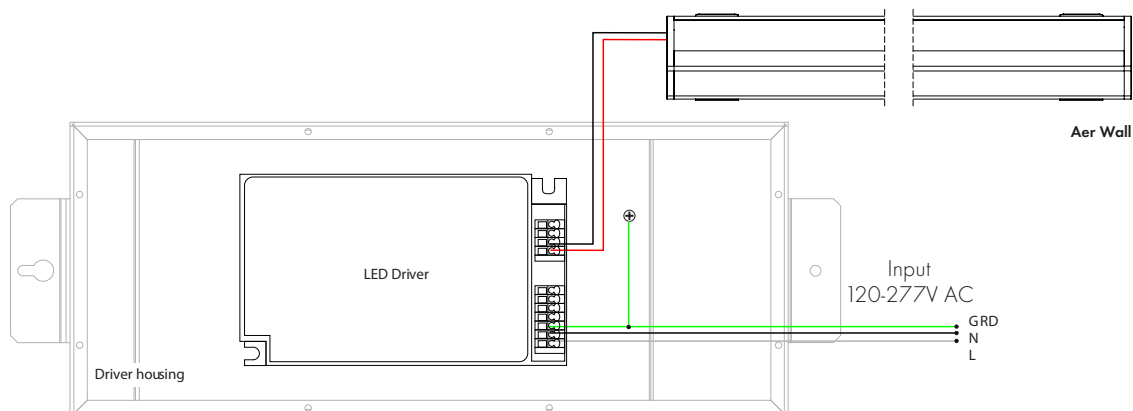
-20°C to + 35°C

TYPE IC

## Product Dimensions



## Wiring Diagram



## Ordering Code

MODEL	FIXTURE LENGTH	
<b>PS010V-CC</b>	<b>1</b>	<b>2F</b>
PS010V-CC - Constant Current 0-10V LED Driver	1 - Single Fixture	2F - 2 Foot Fixture (475mA) 4F - 4 Foot Fixture (950mA)