

Project		Location	
Contact		Date	
Part#		Fixture	

# OmniSky™

## Backlit Ceiling Fixture



### Description

Designed to meet the dual requirements of cost-efficient large format ceiling lighting with high brightness levels, OmniSky™ Ceiling Fixture solution offers bright, even illumination with an energy-efficient design for interior spaces.

### Applications

- Hospitality
- Schools & Hospitals
- Retail
- Modern Offices



Manufactured in North America



Standard Rectangular Sizes & Shapes



Custom Circular Shape Options



Fabric Diffuser Prints (Optional)



Multiple CCT Options

### Key Features

- Transforms ceilings into a seamless plane of light
- Glare-free, providing the feeling of natural sunlight
- Low profile frame
- Available in standard Square, Rectangular & Circular shapes up to 12' sizes
- Custom imagery can be printed on the diffuser fabric to introduce unique designs into the space
- Sound attenuating fabric provides a soft and visually comfortable appearance
- Acoustic backer options available for all your sound absorption requirements

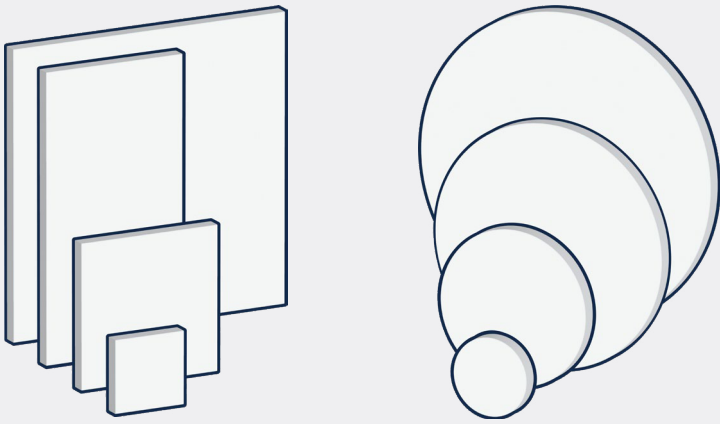
# Specifications

Performance			
Part Number	Surface Mount #610191   Suspension Mount #610192   Recessed Mount #610193		
Light Engine	LumiCurtain™	LumiCurtain™ Tunable	Matrix™ XD RGBW
CRI	≥ 90	≥ 90	≥ 90
Color Temperature	2700K, 3000K, 3500K, 4100K, 5300K, 6500K	Tunable White 2700K – 6500K	RGBW – 5000K
Lumens*	223 lm/sqft	223 lm/sqft	N/A
Lumen Maintenance	L70 at 50,000 hrs		
Illumination	SFI (Single Face Illumination)		
Operating Temp.	-20° C (-4° F) ~ +50° C (+122° F)		
IP Rating	IP20		
Environment	Indoor use only		
UL / ETL	Class 2 UL listed assemblies available, UL Listed (E346146)		
Warranty	5 Years		
Mechanical			
Standard Sizes	2' x 2'   4' x 4'   4' x 8'   8' x 8' (max. width 8' for UL Compliance)   Custom or Circular ø6'   ø8'   ø10'   ø12'		
Custom Size	Available upon request		
Weight	4.0 lb/sqft		
Frame Materials	3" Anodized Aluminum		
Frame Colors	Silver   Black   White   Custom color		
Diffuser Type	100% Polyester Fabric with Silicone Beading (Recommended 0.11" (3 mm) thick x 0.55" (14 mm) deep) Fabric Weight: 260 g/m² (± 3%)   DIN EN ISO 9001:2015 Certified		
Mounting Options	Surface Mount   Suspension Mount   Recessed Mounting		
Electrical			
	LumiCurtain™ and LumiCurtain™ Tunable		Matrix™ XD RGBW
Input Voltage	24V DC		24V DC
Power Consumption	2' x2' – 60W 4' x 4' – 240W 4' x 8' – 480W 8' x 8' – 960W		2' x2' – 65W 4' x 4' – 260W 4' x 8' – 520W 8' x 8' – 1040W
Wire size	Plenum wire 14 AWG 2 wire for standard white	Plenum wire 14 AWG 3 wire for CCT tunable	Plenum wire 14 AWG 5 wire for RGBW
Wiring Options	Each OmniSky™ light engine assembly must have direct connection to the power supply.		
Connector Options	Standard 5' (1500 mm) plenum wire with bare leads Optional 10' (3000 mm) plenum wire with bare leads		

\* Measurements based on 2' x 2' OmniSky™ with white fabric @4100K

# Customization

## Shape & Size Customization Options



The image shows two sets of diagrams. On the left, four rectangular shapes of increasing size are shown in a perspective view. On the right, four circular shapes of increasing diameter are shown in a perspective view.

**Standard Sizes**

- 2' x 2'
- 4' x 4'
- 4' x 8'
- 8' x 8'

**Circular Sizes**

- 6' Diameter
- 8' Diameter
- 10' Diameter
- 12' Diameter

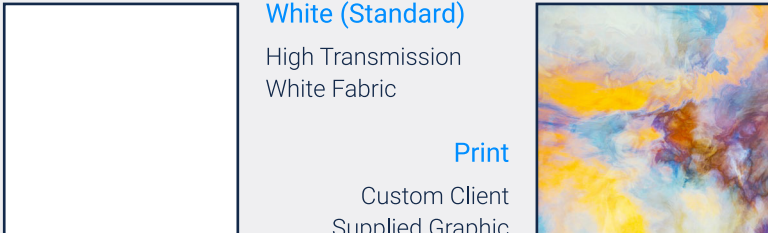
**Custom Shapes**

Custom sizes available (minimum 2' and maximum 8' wide for UL compliance)

**Custom Shapes**

If shapes stay between the minimum and maximum size limitations.

## Custom Fabric Diffuser Print



The image shows a white square representing standard fabric and a square with a colorful abstract print representing a custom print.

**White (Standard)**  
High Transmission  
White Fabric

**Print**  
Custom Client  
Supplied Graphic

Most popularly ordered with a diffuser using standard White color high transmission fabric. Custom imagery fabric prints are also available at additional cost, artwork must be supplied by the client.

Supplied artwork must meet requirements posted in our downloadable **Print Submission Guidelines** ([click here](#)).

## Mounting Options



The image shows three diagrams illustrating different mounting options for the diffuser. Option 1 shows the diffuser mounted on a flat surface. Option 2 shows the diffuser suspended from a ceiling. Option 3 shows the diffuser mounted in a recessed ceiling.

**Option 1: Surface**

**Option 2: Suspension**

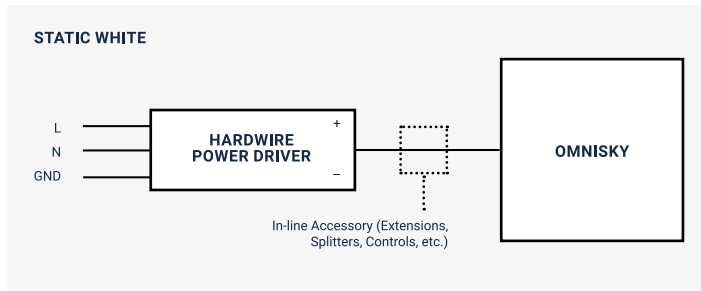
**Option 3: Recessed**

# Customization

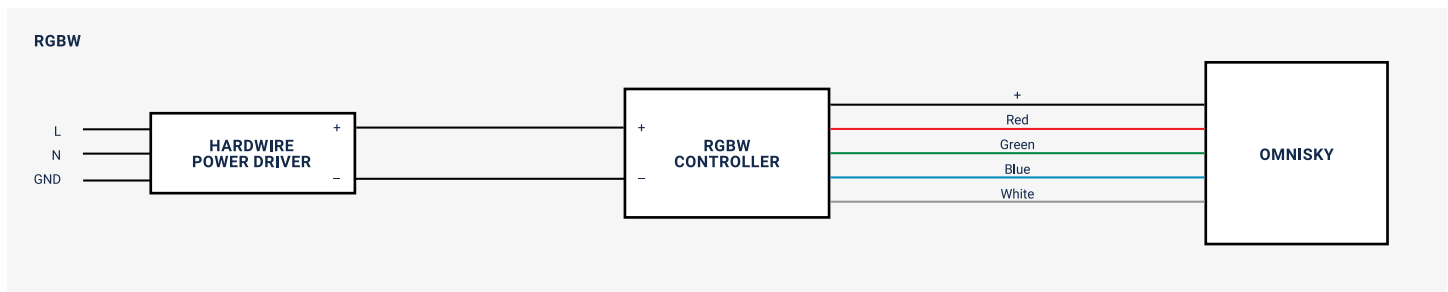
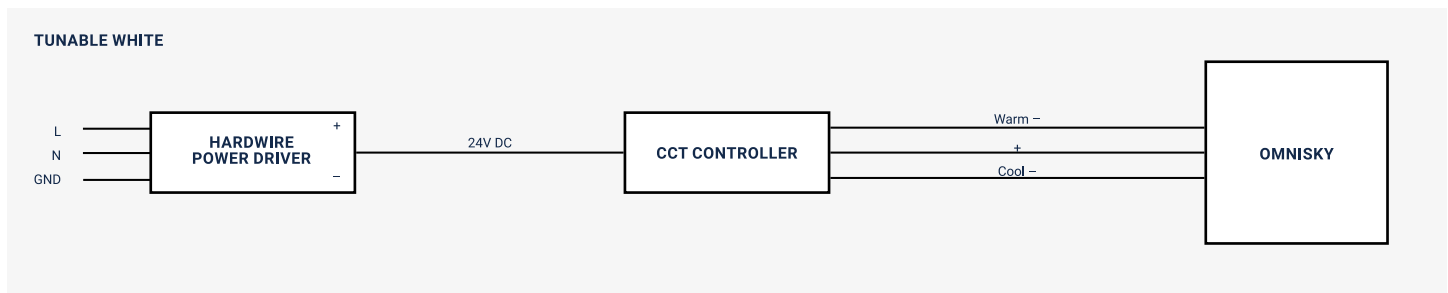
## Wiring Options

Determine your system components, including a power adapter, as well as optional dimmer and controller. Use only UL certified power adapters with the power output that coordinates with your input voltage. Do not apply AC Voltage Omnisky, as within seconds the result may be burned LEDs or fire. Look for the 24V DC voltage tags at the end of the power cord.

### Wiring with Hardwire Power Adapters



1. Turn off power to your system at the main breaker
2. Install your system components. Refer to wiring guidelines and approval drawings for each component.
3. Wire power adapter to each assembly. Ensure the load does not exceed 80% of the maximum rated load of the power driver.
4. Check connections and turn on power at the main breaker.



**Note:** Wiring diagrams above depict wiring required by each class 2 (96W) driver.

# Configurator

Create your OmniSky™

Part #	Size	Frame Color	Diffuser	Color Temperature
<b>610191</b> – Surface Mounted	<b>2</b> – 2' x 2'	<b>1</b> – Silver	<b>1</b> – DyeSub Printed Fabric	<b>270</b> – 2700K
<b>610192</b> – Suspension Mounted	<b>4</b> – 4' x 4'	<b>2</b> – Black	<b>2</b> – Blank White Fabric	<b>300</b> – 3000K
<b>610193</b> – Recessed Mount	<b>5</b> – 4' x 8'	<b>3</b> – White	<b>3</b> – None	<b>350</b> – 3500K
	<b>6</b> – 8' x 8'	<b>4</b> – Custom		<b>410</b> – 4100K
	<b>3</b> – 6' circular			<b>530</b> – 5300K
	<b>7</b> – 8' circular			<b>650</b> – 6500K
	<b>8</b> – 10' circular			<b>000</b> – Tunable White
	<b>1</b> – 12' circular			<b>950</b> – RGBW (5000K)
	<b>9</b> – Custom size			

## Order Code Example

**610191-2-1-2-270**

Breakdown: OmniSky™ Surface Mount – 2' x 2' sized – Silver frame color – UV printed fabric diffuser – 2700K Color temperature.