

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

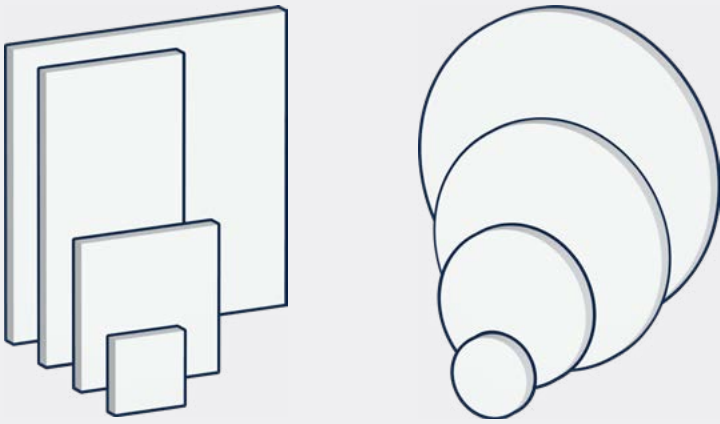
Specifications

Performance			
Part Number	Surface Mount #610191 Suspension Mount #610192 Recessed Mount #610193		
Light Engine	LumiCurtain™	LumiCurtain™ Tunable	Matrix™ XD RGBW
CRI	≥ 90	≥ 80	≥ 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/m ² (± 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



Standard Sizes

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

Circular Sizes

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

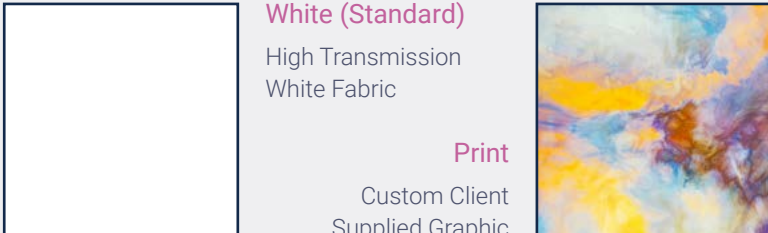
Custom Shapes

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




White (Standard)
High Transmission
White Fabric

Print
Custom Client
Supplied Graphic

OmniSky™ is most popularly ordered with a diffuser using standard White color high transmission fabric. Custom imagery fabric prints are also available at additional cost, and can be supplied by the client. Supplied artwork has minimum resolution requirements based on the overall size of the OmniSky™. Please contact us for more information.

Mounting Options



Option 1: Surface

Option 2: Suspension

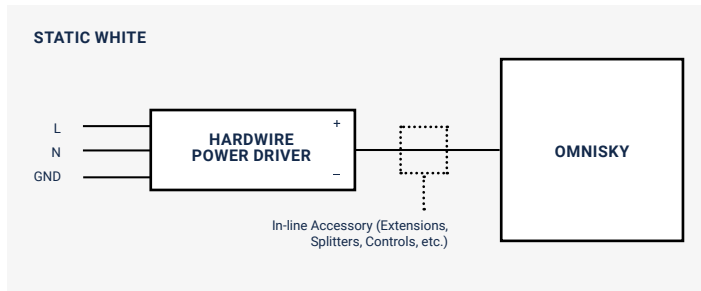
Option 3: Recessed

Customization

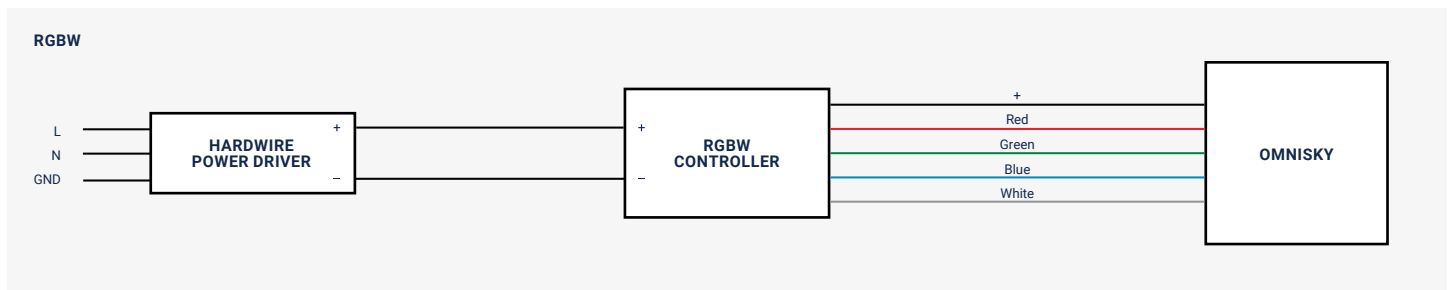
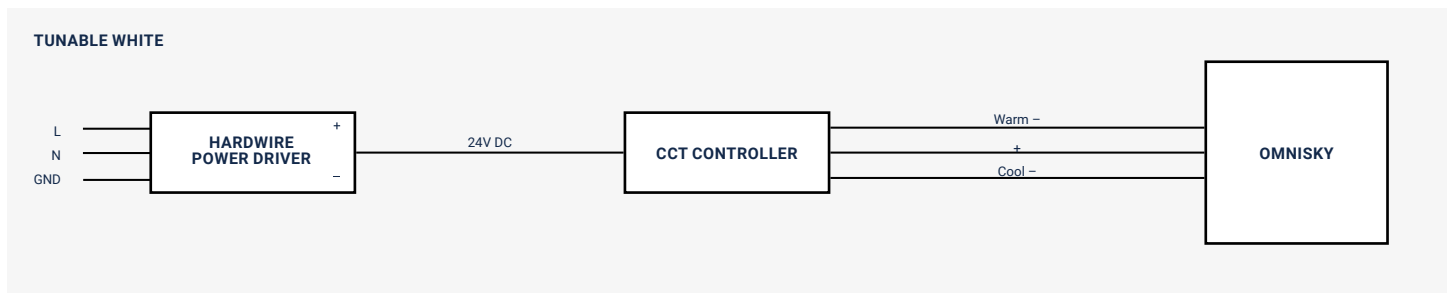
Wiring Options

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

Orders can be placed by choosing all the options and configuration parameters, which generates an order code. Put your order code together by putting the codes from the above tables you would like to have in the same order from above into each cell below.

Part # Size Frame Diffuser Colour Temp.

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.

Accessories

Power Adapters

Hardwire Power Drivers

Part Number	AC Input Range	DC Voltage	Rated Current	Rated Wattage
950037	100V AC ~ 277V AC	24V DC	2.5A	60W
950038	100V AC ~ 277V AC	24V DC	4.0A	96W

5-in-1 Dimming Power Drivers

Part Number	AC Input Range	DC Voltage	Rated Current	Rated Wattage
951004-24-096	100V AC ~ 277V AC	24V DC	4.0A	96W
951006-24-192	100V AC ~ 277V AC	24V DC	2 x 4.0A	2 x 96W

RF Power Driver for Tunable White

Part Number	AC Input Range	DC Voltage	Rated Current	Rated Wattage
951029	120V AC	24V DC	3.75A	90W

Power Controllers

RF Tunable White Wall Controller

Part Number	DC Voltage	Channels	Dimming Control	Rated Wattage
970043	12V – 24V DC	N/A	PWM	700W Max.

DMX Controller / Decoders

Part Number	DC Voltage	Channels	Dimming Control	Rated Wattage
970032	12V – 24V DC	4 CH	N/A	96-288W /Channel
970033	12V – 24V DC	5 CH	N/A	96-192W /Channel

Power Repeater

Part Number	DC Voltage	Channels	Dimming Control	Rated Wattage
970037	12 – 36V DC	4 CH	N/A	60 – 180W /Channel

DMX Wall Controller

Part Number	DC Voltage	Channels	Dimming Control	Power Consumption
970041	12V – 24V DC	2 CH	Tunable White (1–100%)	< 20mA
970042	12V – 24V DC	4 CH	RGB / RGBW (1–100%)	< 20mA

Safety Disclaimer

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 24V DC to 12V DC panels, as within seconds the result may be burned LEDs or fire. Look for your voltage tags at the end of the power cord.