

Specifier's Reference
Project
Type
Model No.
Comments or Special Instructions

IMP-8000 RGB INDOOR LED ILLUMINATOR

APPLICATION

The IMP-8000 DIS-4 Series LED Light Source is a 4-channel DMX illuminator. 3 Channels for RGB and 1 Channel for Animation Motor (5th channel for amber or white optional) . This light source can be used as a standalone or can be programmable using DMX 512, RS232 SERIAL, RF and Simple Dimmer Controller.

HIGH CONTROL RESOLUTION

The IMP-8000 DIS Series LED Light Source supports a 16-bit control resolution per output channel for accurate dimming and fine color mixing.

LOW EMI

Slow-rate controlled dimming and shielded conductors keep the driver's EMI emissions at a very low level.

ANIMATION

IMP-8000 DIS Series LED Light Source has a 10rpm (top speed) DC motor than can be speed controlled via DMX with an attached sparkle wheel.

ROBUST THERMAL MANAGEMENT

The IMP's Sync® module creates turbulent, pulsated air-jets that can be directed precisely to locations where thermal management is needed. The vortex-dominated SynJet flow enhances small-scale mixing near the heated surfaces to yield higher effective heat transfer at low-volume flow rates compared to conventional air movers. The SynJet flow is created using a patented actuator technology and proprietary fluidic packaging expertise.

FEATURES

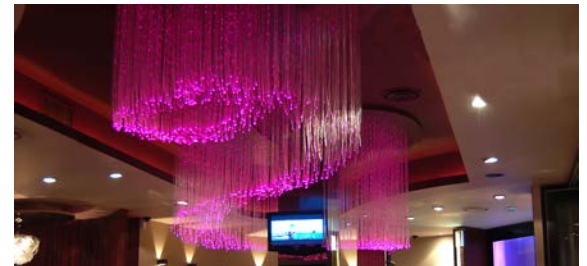
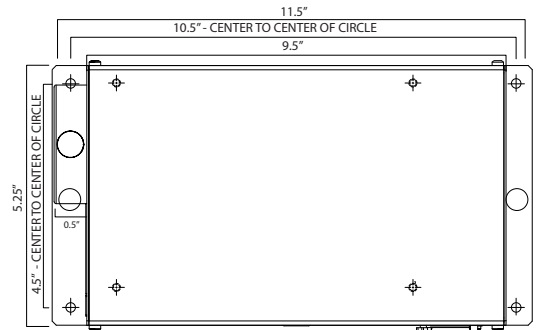
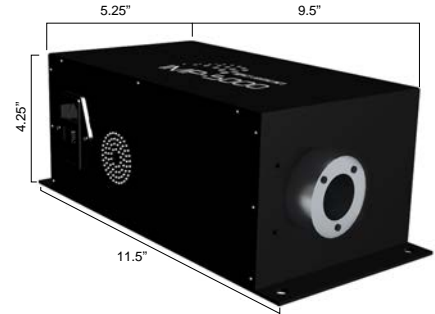
- 2700 lumens output - brightest in the industry
- Thermal sensor protection for longer LED lifespan

ADVANTAGES

- Accurate, smooth dimming and high-res colour mixing
- Drive, control and thermal protection per fixture
- Easy network

SPECIFICATION

PARAMETER	MAX RATING
Input voltage to power supply	100-240 VAC
Input voltage to light source	24V
Amps	4 Amps
Wattage	100 W Max
Power supply	24V DC Class 2
Hz	50/60
Fiber capacity	1000
Operating temperature	-10°C to 80° C
Weight	7 lbs
Outdoor rating	IP67
Housing	Aluminum



ORDERING INFORMATION

	COLOR	DEVICE	SPARKLE	STANDARD PLUGIN	CABLE LENGTH
IMP-8000-	PURE WHITE	PW	NO SPARKLE	DMX	5 FT
	WARM WHITE	WW	SPARKLE	RF	25 FT
	MIX RGB	MX		SIMPLE CONTROL DIMMER (WHITE ONLY)	75 FT
	MIXED RGBA	MA		RS23S	100 FT
	MIXED RGBW	MW			CUSTOM

