

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

ION-8000 WHITE OUTDOOR LED ILLUMINATOR

APPLICATION

The ION-8000 Series LED Light Source is a multi-controllable light engine designed for the outdoor architectural, pool and spa industry. 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 ION-8000 LED Light Source supports a 15-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.

ROBUST THERMAL MANAGEMENT

The ION'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

- 4000 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	24 V
Amps	4 Amps
Wattage	96W Max
Hz	50/60
Fiber Capacity	1000
Operating Temp	-10°C to 50°C
Weight	7 lbs
Outdoor Rating	IP67
Color	Anodized Coated Black <small>*optional colors available upon request</small>
HOUSING	Aluminum

ORDERING INFORMATION

	COLOR	STANDARD PLUGIN	CABLE LENGTH
ION-8000-	PW - PURE WHITE WW - WARM WHITE	DMX RF SIMPLE CONTROL DIMMER RS23S	5 FT 25 FT 75 FT 100 FT CUSTOM

