



Specifier's Reference

Project

Type

Model No.

Comments or Special Instructions

ION-8000 RGB OUTDOOR LED ILLUMINATOR

APPLICATION

The ION-8000 RGB Series LED Light Source is a RGBW multi-controllable light engine designed for the outdoor architectural, pool and spa industry. This light source can be controlled as a standalone or can be programmable using DMX 512, RS232 SERIAL, RF and Simple controller.

HIGH CONTROL RESOLUTION

The ION-8000 RGB 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.

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

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

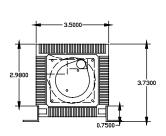
ADVANTAGES

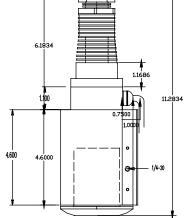
- · Accurate, smooth dimming and high-res colour mixing
- Drive, control and thermal protection per fixture
- Easy network

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	

MEASUREMENT IN INCHES









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ORDERING INFORMATION

ION-8000-

COLOR		DEVICE
PURE WHITE		PW
WARM WHITE	_	WW
MIX RGB		MX
MIXED RGBA		MA
MIXED BCBW		I/I/A/

STANDARD PLUGIN

DMX
RF

RF SIMPLE CONTROL DIMMER (WHITE ONLY) RS23S CABLE LENGTH

5 FT 25 FT 75 FT 100 FT CUSTOM







